

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053024\
 Data File : VX041682.D
 Acq On : 30 May 2024 09:23
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/31/2024
 Supervised By : Mahesh Dadoda 05/31/2024

Quant Time: May 31 05:25:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	4.891	128	27920	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	151473	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	142060	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	64083	29.146	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.167%		
60) 4-Bromofluorobenzene	11.079	95	69249	31.226	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	104.100%		
63) Toluene-d8	8.647	98	179297	29.443	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.133%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28928	19.809	ug/l	97
3) Chloromethane	1.301	50	29448	18.415	ug/l	97
4) Vinyl Chloride	1.374	62	31790	18.882	ug/l	98
5) Bromomethane	1.599	94	20757	19.383	ug/l	99
6) Chloroethane	1.666	64	20232	23.768	ug/l	97
7) Trichlorofluoromethane	1.867	101	54737	21.419	ug/l	96
8) Diethyl Ether	2.136	74	21065	22.072	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	32656	22.036	ug/l	98
10) 1,1-Dichloroethene	2.313	96	29516	20.663	ug/l	93
11) Methyl Iodide	2.447	142	38466	22.609	ug/l	100
12) Methyl Acetate	2.703	43	49069	22.808	ug/l	95
13) Acrolein	2.239	56	17753	67.784	ug/l	97
14) Acrylonitrile	3.068	53	93800	99.168	ug/l	100
15) Acetone	2.386	58	32476	128.146	ug/l	96
16) Carbon Disulfide	2.502	76	56664	17.569	ug/l	100
17) Allyl chloride	2.660	41	51542	20.332	ug/l	98
18) Methylene Chloride	2.788	84	36090	21.243	ug/l	96
19) trans-1,2-Dichloroethene	3.087	96	30744	18.769	ug/l	97
20) Diisopropyl ether	3.757	45	107259	20.138	ug/l	95
21) 1,1-Dichloroethane	3.605	63	59543	19.919	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	38420	19.302	ug/l	99
23) tert-Butyl Alcohol	2.995	59	39364	98.068	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	104259	19.550	ug/l	99
25) Chloroform	5.086	83	63263	19.866	ug/l	99
26) Cyclohexane	5.464	56	47172	18.924	ug/l #	98
29) 1,1-Dichloropropene	5.684	75	41301	20.612	ug/l	97
30) 2-Butanone	4.562	43	142334	107.021	ug/l	99
31) 2,2-Dichloropropane	4.471	77	48746	20.729	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	54137	20.136	ug/l	98
33) Carbon Tetrachloride	5.672	117	45944	19.972	ug/l	99
34) Benzene	6.031	78	129947	20.535	ug/l	99
35) Methacrylonitrile	4.916	41	27973	20.850	ug/l	95
36) 1,2-Dichloroethane	6.080	62	48038	20.343	ug/l	99
37) Trichloroethene	7.123	130	34594	19.621	ug/l	100
38) Methylcyclohexane	7.373	83	49963	19.638	ug/l	99
39) 1,2-Dichloropropane	7.427	63	31494	21.054	ug/l	94
40) Dibromomethane	7.580	93	24478	20.792	ug/l	97
41) Bromodichloromethane	7.818	83	45032	20.374	ug/l	97
42) Vinyl Acetate	3.721	43	463565	100.461	ug/l	100

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Instrument :
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Quant Time: May 31 05:25:44 2024
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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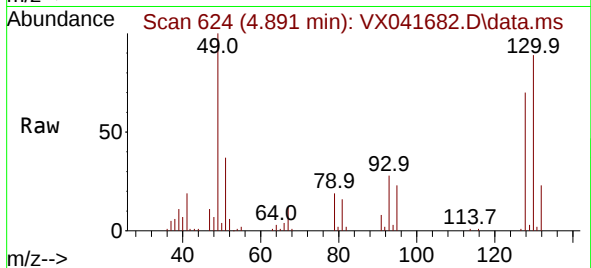
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	51415	20.036	ug/l	100
44) Isopropyl Acetate	6.342	43	77001	19.850	ug/l	99
45) 1,4-Dioxane	7.665	88	15750	360.023	ug/l	90
46) Methyl methacrylate	7.696	41	38830	20.119	ug/l	95
47) n-amyl Acetate	10.842	43	69586	19.782	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	43050	19.395	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	48671	20.244	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	34199	20.882	ug/l	95
51) Ethyl methacrylate	9.116	69	51703	19.613	ug/l	98
52) 1,3-Dichloropropane	9.305	76	57260	21.158	ug/l	99
53) Dibromochloromethane	9.519	129	37799	20.285	ug/l	99
54) 1,2-Dibromoethane	9.610	107	35927	20.687	ug/l	97
55) 2-Chloroethyl vinyl ether	8.238	63	134838	104.793	ug/l	99
56) Bromoform	10.799	173	29387	19.684	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	270491	104.209	ug/l	100
59) 2-Hexanone	9.433	43	213636	103.315	ug/l	100
61) Tetrachloroethene	9.269	164	34517	19.859	ug/l	92
62) Toluene	8.714	91	143412	20.288	ug/l	100
64) Chlorobenzene	10.079	112	97914	20.393	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	35506	20.893	ug/l	99
66) Ethyl Benzene	10.189	91	158660	20.213	ug/l	98
67) m/p-Xylenes	10.299	106	128690	41.927	ug/l	100
68) o-Xylene	10.640	106	63688	20.613	ug/l	97
69) Styrene	10.653	104	106126	20.486	ug/l	100
70) Isopropylbenzene	10.963	105	162571	20.823	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	55763	20.792	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	46010m	19.023	ug/l	
73) Bromobenzene	11.195	156	46308	20.187	ug/l	98
74) n-propylbenzene	11.305	91	183833	20.882	ug/l	100
75) 2-Chlorotoluene	11.360	91	115988	20.981	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	137548	20.641	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	14707	19.346	ug/l	96
78) 4-Chlorotoluene	11.451	91	130774	20.770	ug/l	100
79) tert-butylbenzene	11.713	119	147700	20.825	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	138577	20.747	ug/l	99
81) sec-Butylbenzene	11.890	105	170904	20.622	ug/l	100
82) p-Isopropyltoluene	12.006	119	151102	20.828	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	83715	20.348	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	84030	20.214	ug/l	99
85) n-Butylbenzene	12.329	91	118454	20.291	ug/l	100
86) Hexachloroethane	12.536	117	24108	19.738	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	85308	20.315	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	11530	19.576	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	57145	20.253	ug/l	99
90) Hexachlorobutadiene	13.725	225	29960	21.765	ug/l	97
91) Naphthalene	13.774	128	166361	19.727	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	59423	20.614	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

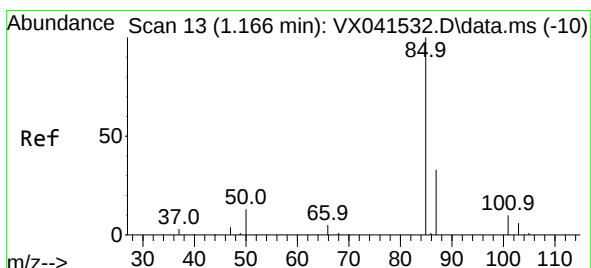
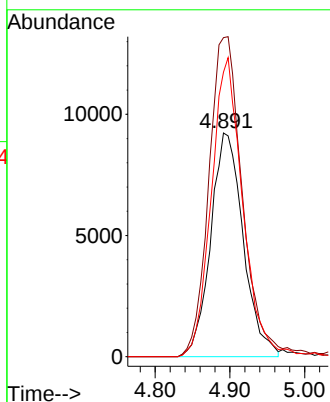
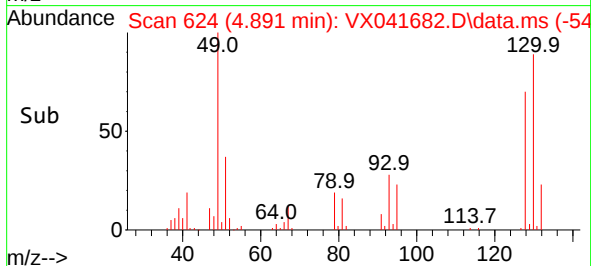
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 27920
Ion Ratio Lower Upper
128 100
49 146.4 0.0 361.5
130 127.8 0.0 324.3

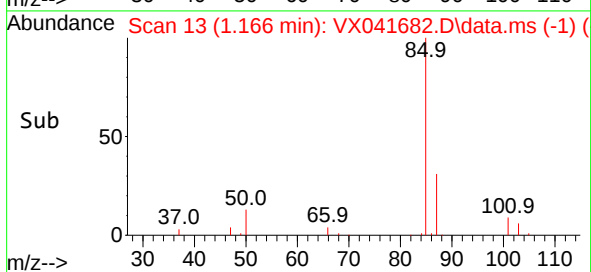
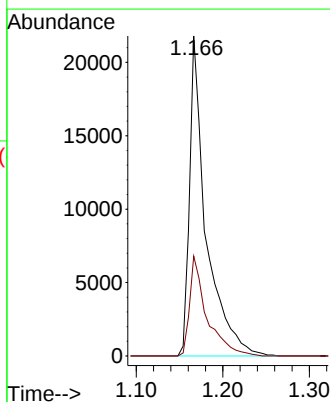
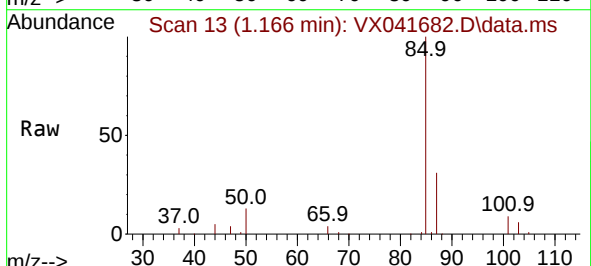
Manual Integrations
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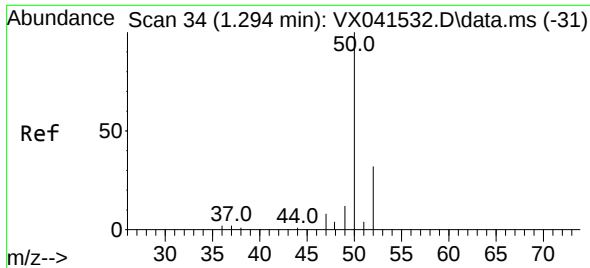
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#2
Dichlorodifluoromethane
Concen: 19.809 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

Tgt Ion: 85 Resp: 28928
Ion Ratio Lower Upper
85 100
87 31.2 16.4 49.1





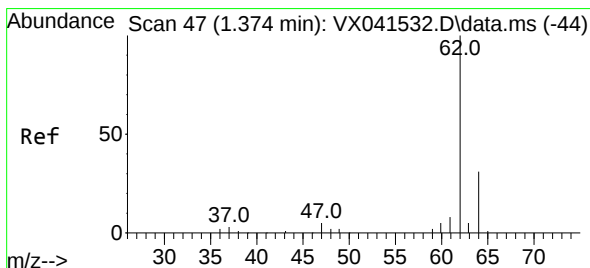
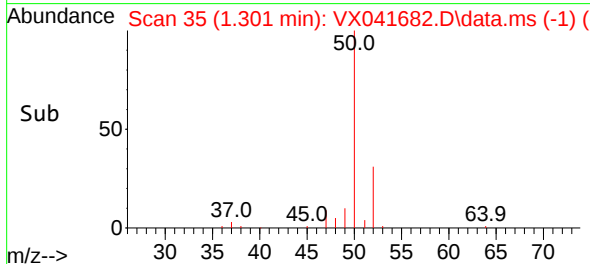
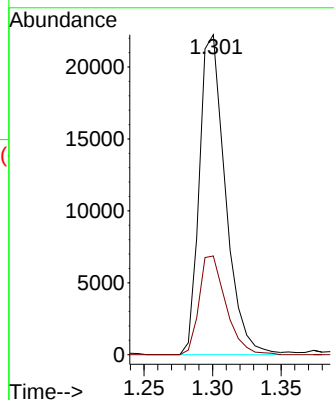
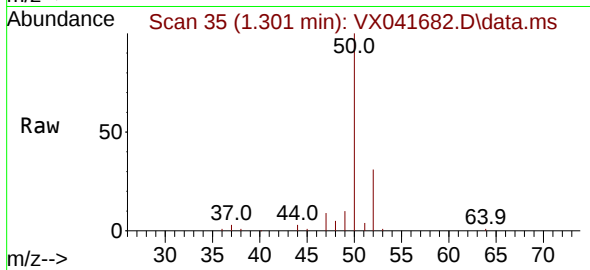
#3
Chloromethane
Concen: 18.415 ug/l
RT: 1.301 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 50 Resp: 2944
Ion Ratio Lower Upper
50 100
52 30.9 25.8 38.8

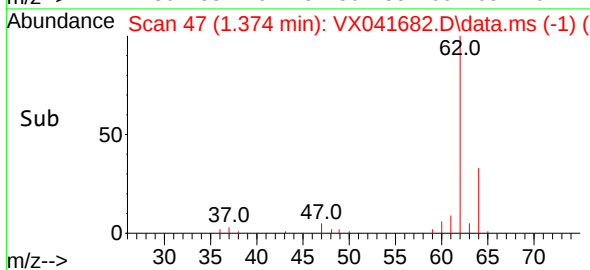
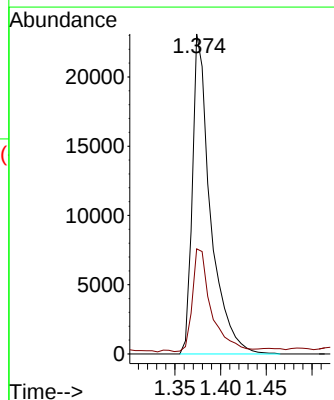
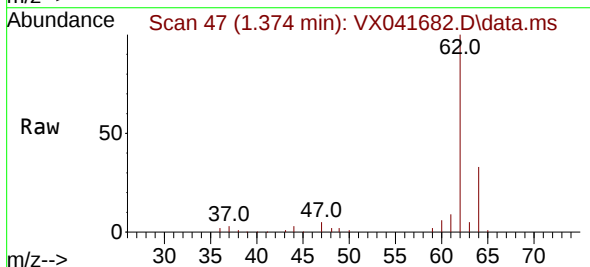
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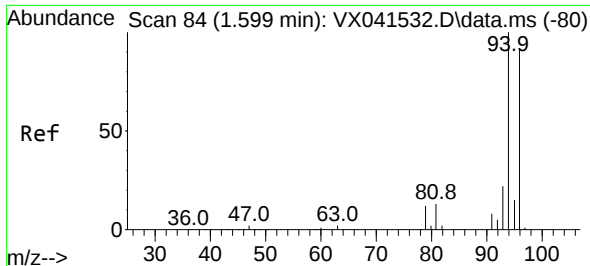
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#4
Vinyl Chloride
Concen: 18.882 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

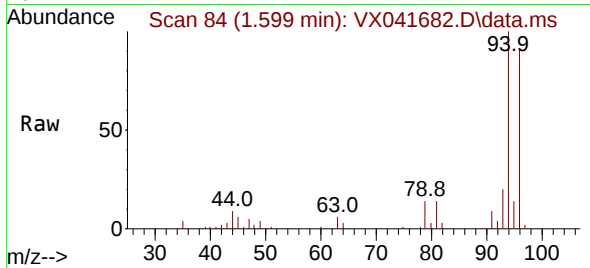
Tgt Ion: 62 Resp: 31790
Ion Ratio Lower Upper
62 100
64 32.0 24.6 37.0





#5
Bromomethane
Concen: 19.383 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

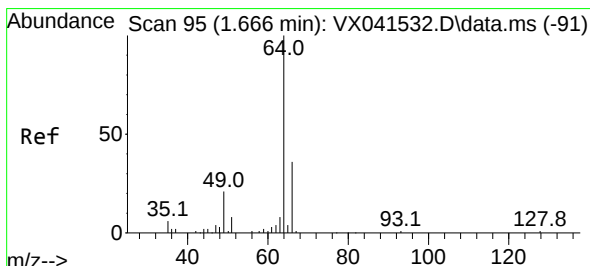
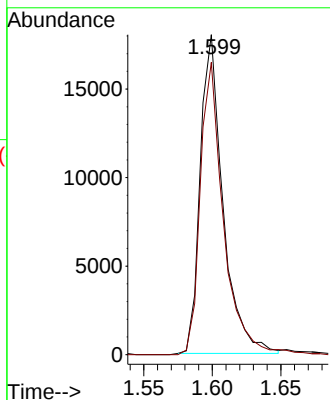
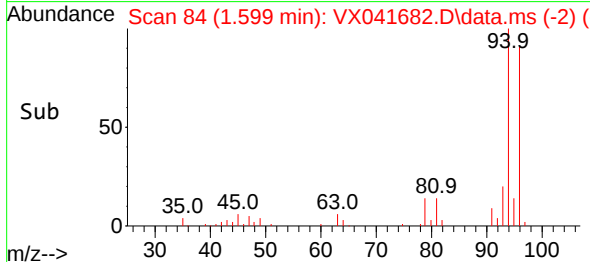
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 94 Resp: 2075
Ion Ratio Lower Upper
94 100
96 91.7 73.9 110.9

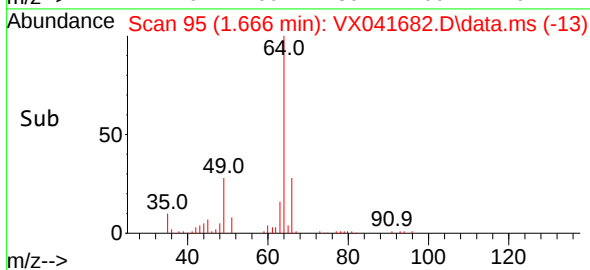
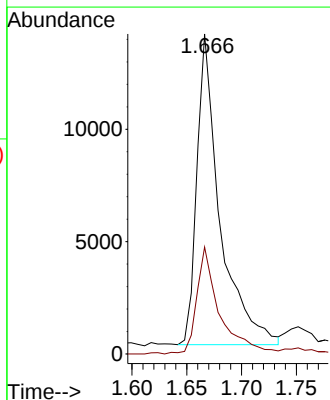
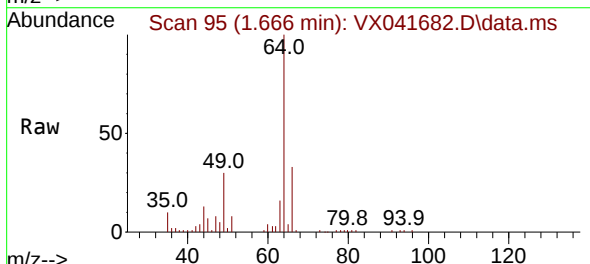
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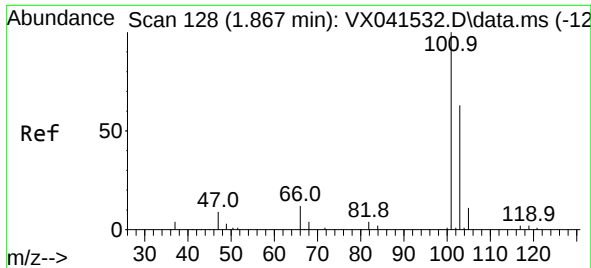
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#6
Chloroethane
Concen: 23.768 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

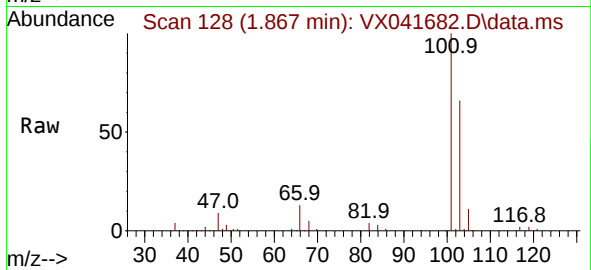
Tgt Ion: 64 Resp: 20232
Ion Ratio Lower Upper
64 100
66 34.0 28.6 42.8





#7
Trichlorofluoromethane
Concen: 21.419 ug/l
RT: 1.867 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

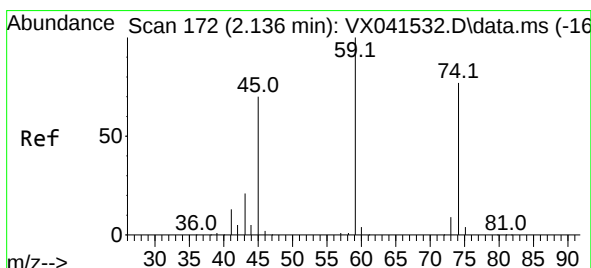
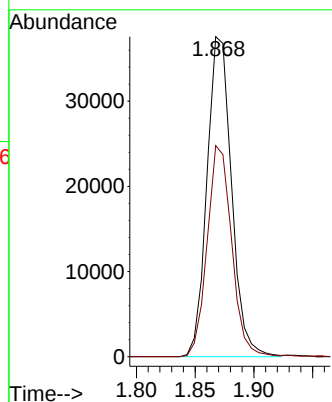
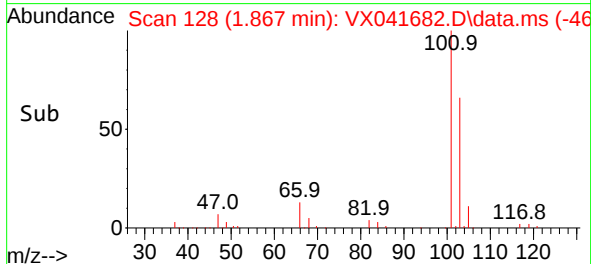
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:101 Resp: 5473
Ion Ratio Lower Upper
101 100
103 66.0 50.1 75.1

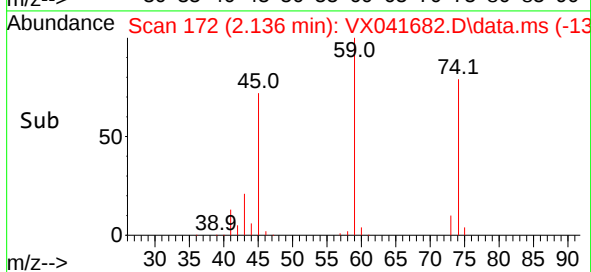
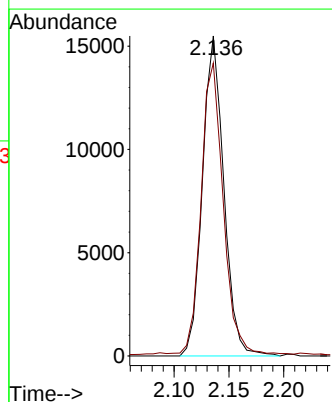
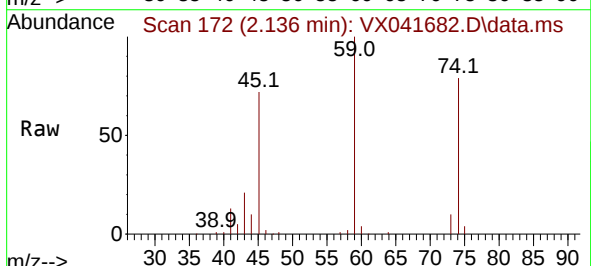
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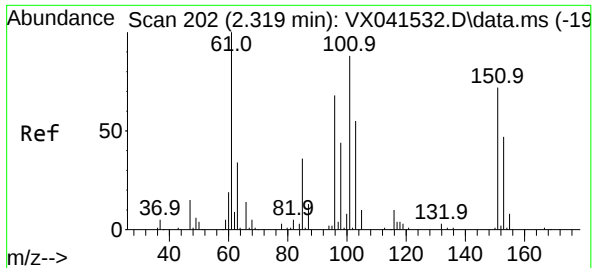
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#8
Diethyl Ether
Concen: 22.072 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

Tgt Ion: 74 Resp: 21065
Ion Ratio Lower Upper
74 100
45 95.3 18.6 167.4





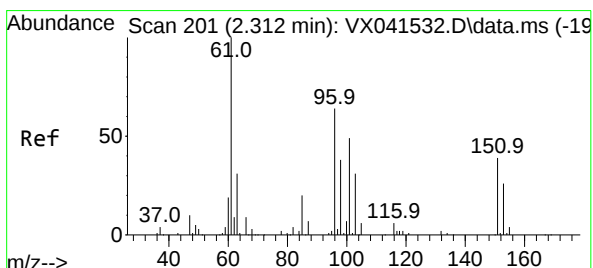
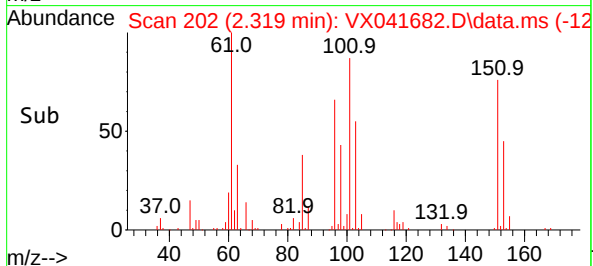
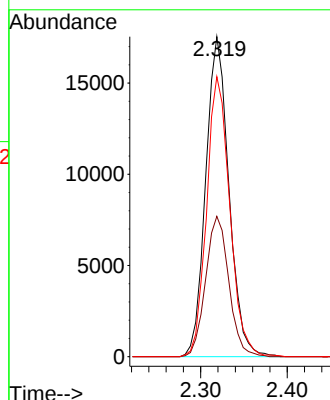
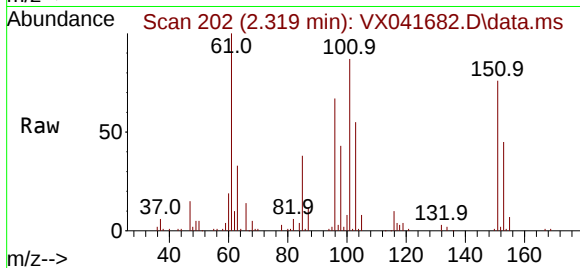
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.036 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 32650
Ion Ratio Lower Upper
101 100
85 43.8 0.0 84.6
151 87.4 0.0 170.2

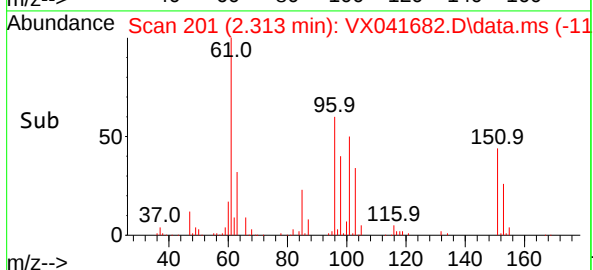
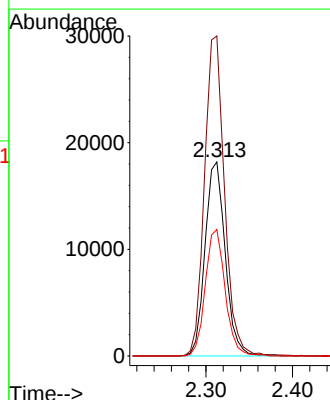
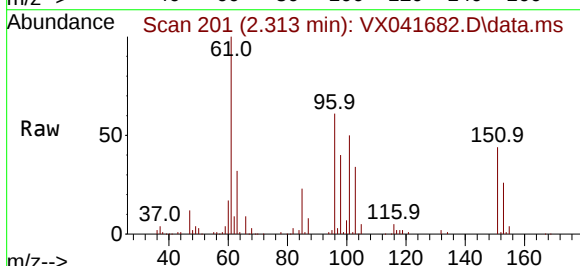
Manual Integrations
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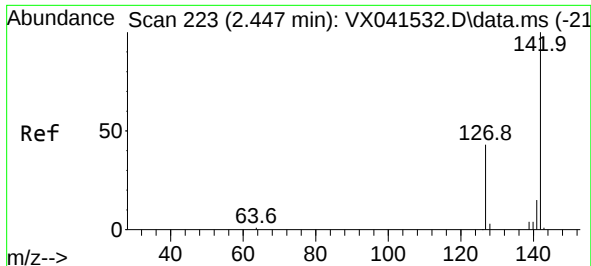
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#10
1,1-Dichloroethene
Concen: 20.663 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

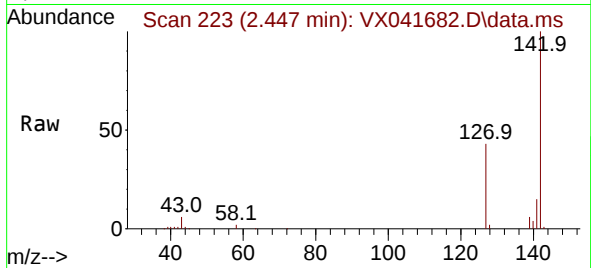
Tgt Ion: 96 Resp: 29516
Ion Ratio Lower Upper
96 100
61 164.9 124.5 186.7
98 65.2 47.9 71.9





#11
Methyl Iodide
Concen: 22.609 ug/l
RT: 2.447 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

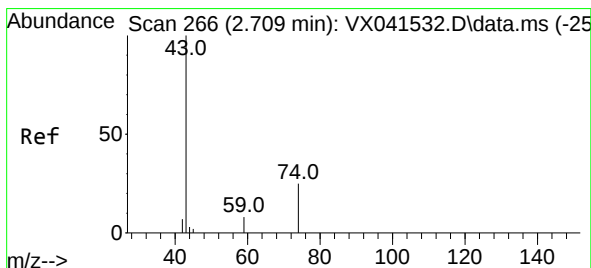
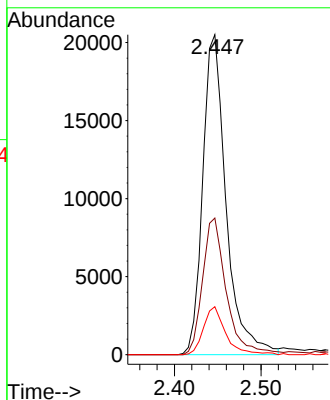
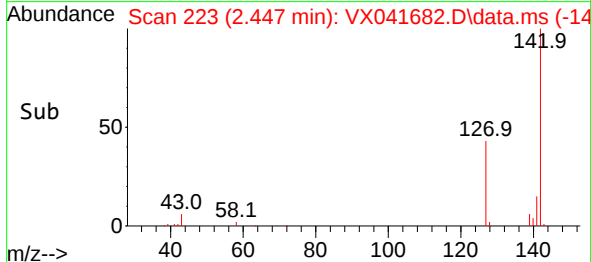
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:142 Resp: 3846
Ion Ratio Lower Upper
142 100
127 42.7 21.4 64.2
141 15.1 7.6 22.8

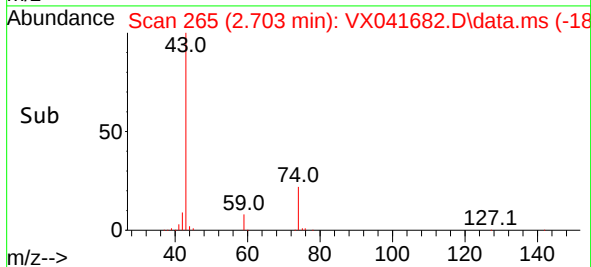
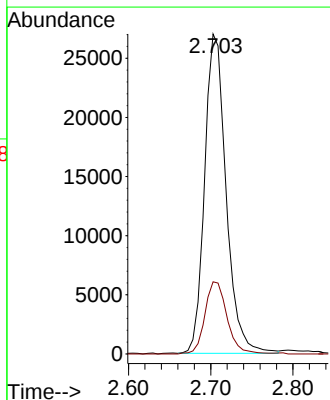
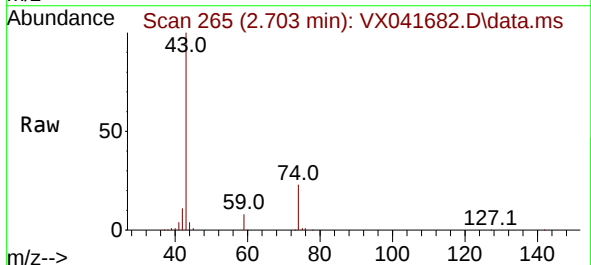
Manual Integrations
APPROVED

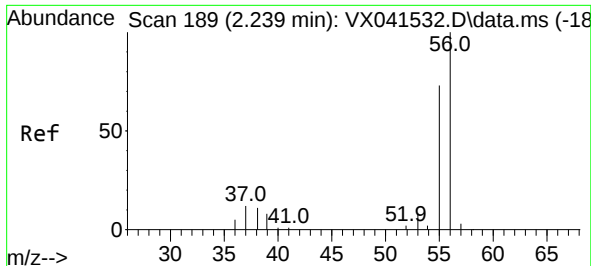
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#12
Methyl Acetate
Concen: 22.808 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

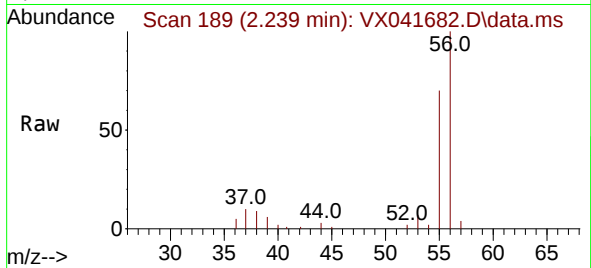
Tgt Ion: 43 Resp: 49069
Ion Ratio Lower Upper
43 100
74 22.5 19.9 29.9





#13
Acrolein
Concen: 67.784 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

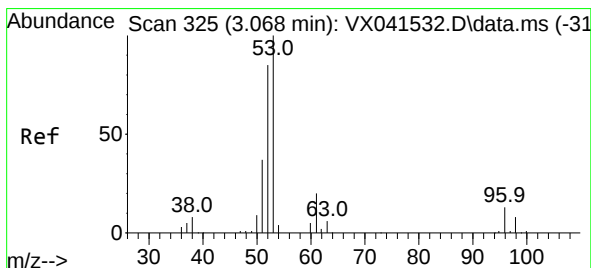
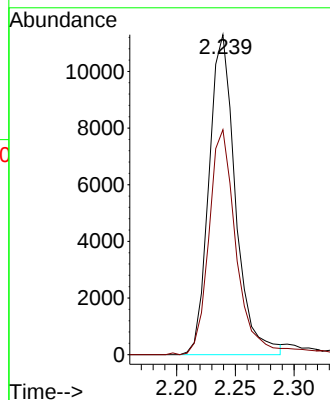
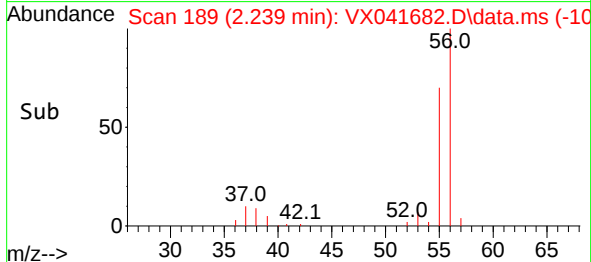
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 56 Resp: 1775
Ion Ratio Lower Upper
56 100
55 71.1 55.1 82.7

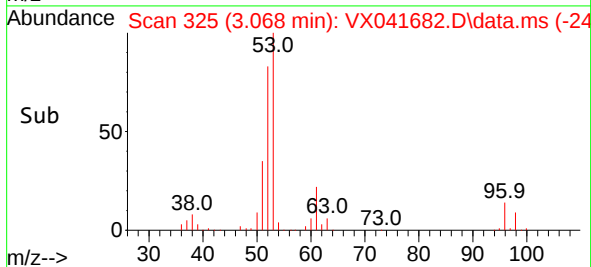
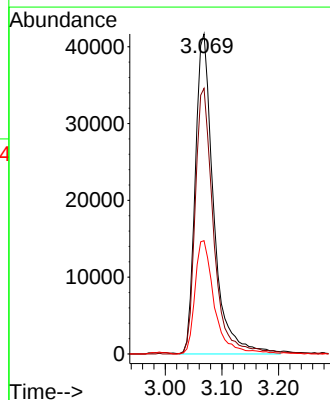
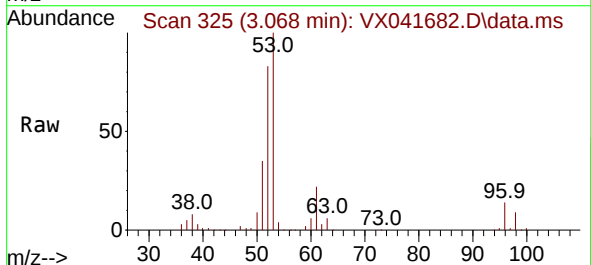
Manual Integrations
APPROVED

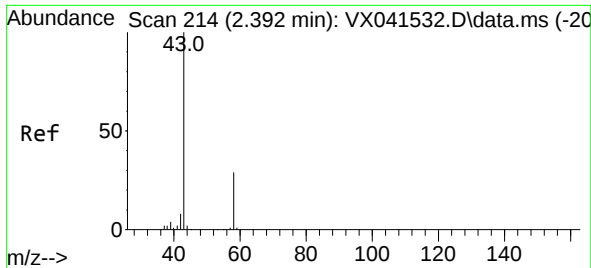
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#14
Acrylonitrile
Concen: 99.168 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

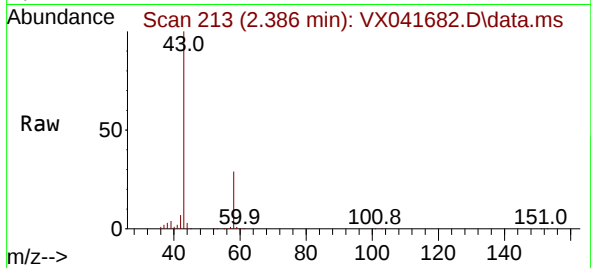
Tgt Ion: 53 Resp: 93800
Ion Ratio Lower Upper
53 100
52 82.9 41.3 123.7
51 36.6 18.4 55.0





#15
Acetone
Concen: 128.146 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

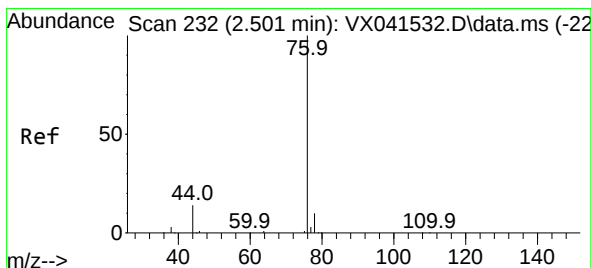
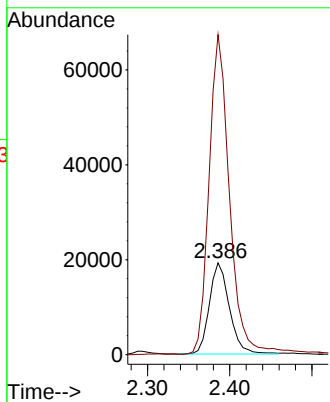
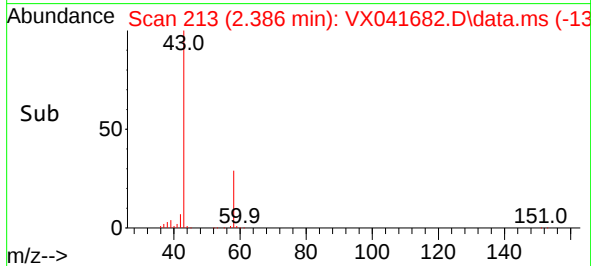
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 58 Resp: 32470
Ion Ratio Lower Upper
58 100
43 350.7 274.0 411.0

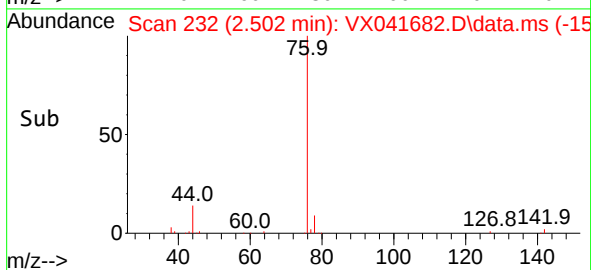
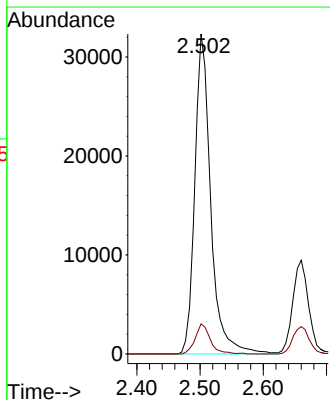
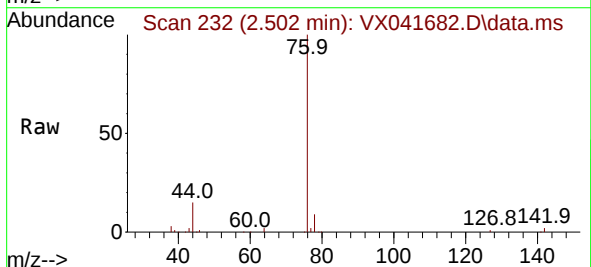
Manual Integrations
APPROVED

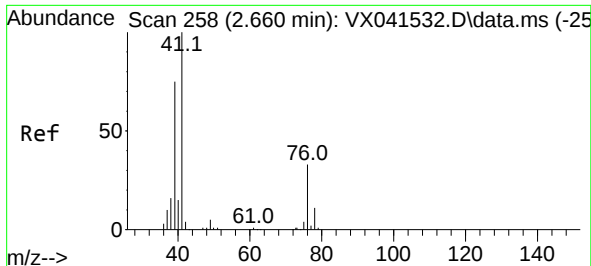
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#16
Carbon Disulfide
Concen: 17.569 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

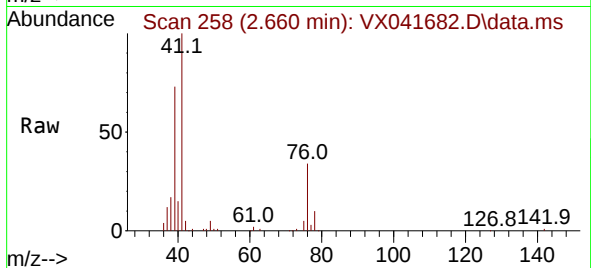
Tgt Ion: 76 Resp: 56664
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4





#17
 Allyl chloride
 Concen: 20.332 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. 0.000 min
 Lab File: VX041682.D
 Acq: 30 May 2024 09:23

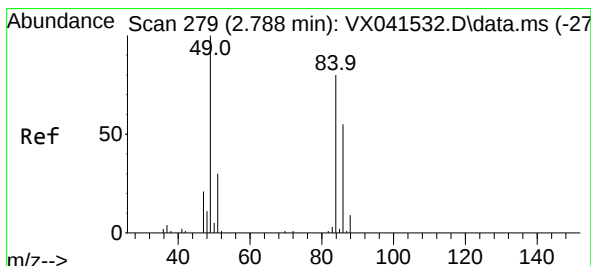
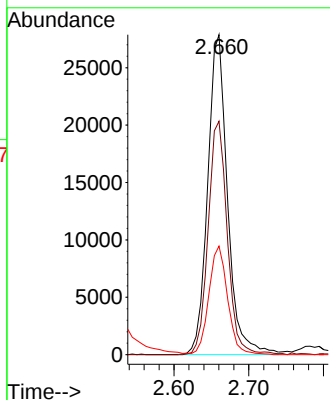
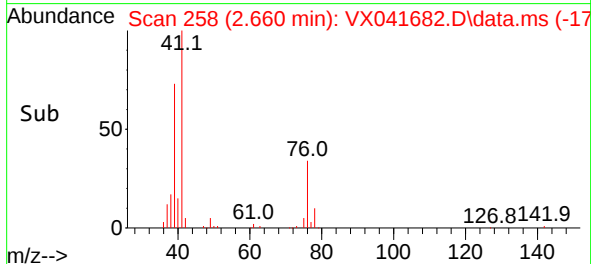
Instrument :
 MSVOA_X
 Client Sample Id :
 VSTDCCC020



Tgt Ion: 41 Resp: 5154
 Ion Ratio Lower Upper
 41 100
 39 73.0 37.5 112.7
 76 34.0 16.6 49.8

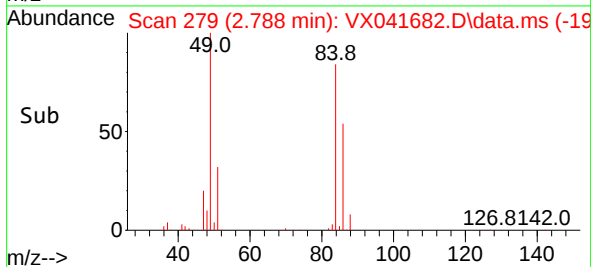
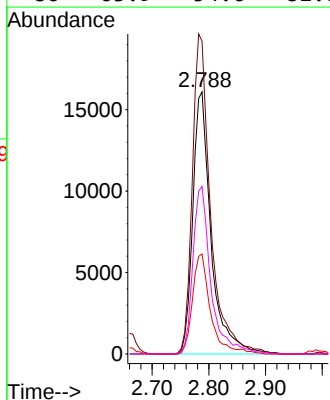
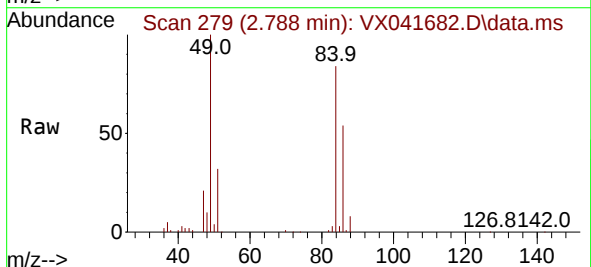
Manual Integrations
 APPROVED

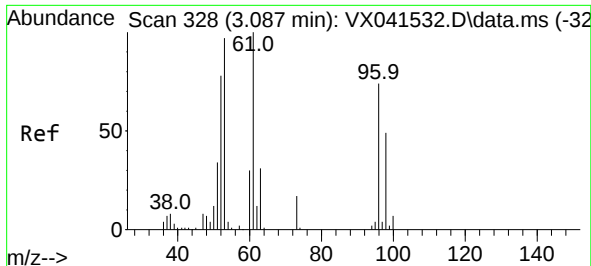
Reviewed By :John Carlone 05/31/2024
 Supervised By :Mahesh Dadoda 05/31/2024



#18
 Methylene Chloride
 Concen: 21.243 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX041682.D
 Acq: 30 May 2024 09:23

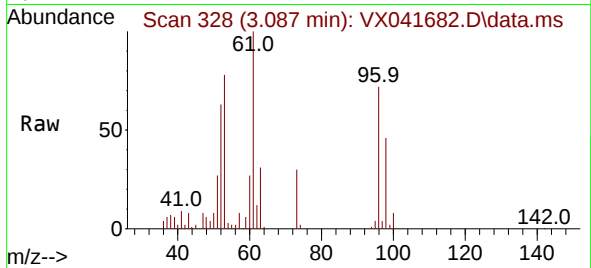
Tgt Ion: 84 Resp: 36090
 Ion Ratio Lower Upper
 84 100
 49 119.0 99.8 149.8
 51 38.1 30.2 45.4
 86 63.9 54.6 81.8





#19
trans-1,2-Dichloroethene
Concen: 18.769 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

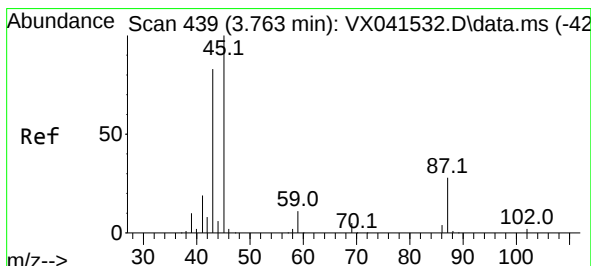
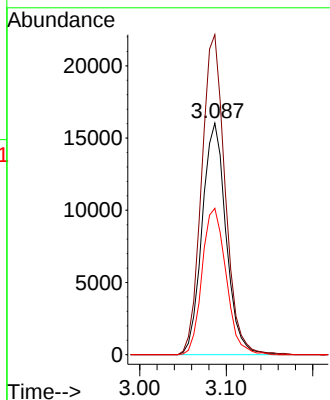
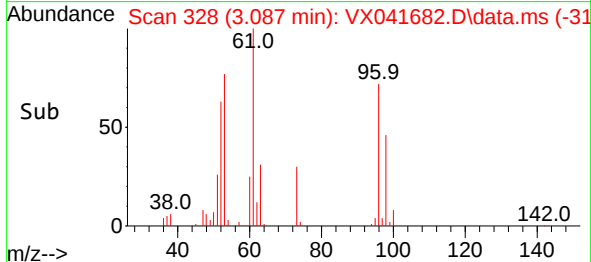
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



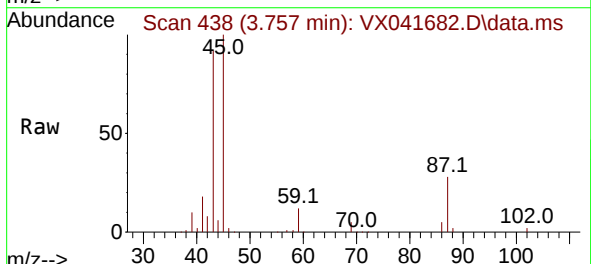
Tgt Ion: 96 Resp: 30744
Ion Ratio Lower Upper
96 100
61 138.2 107.7 161.5
98 63.2 53.1 79.7

Manual Integrations
APPROVED

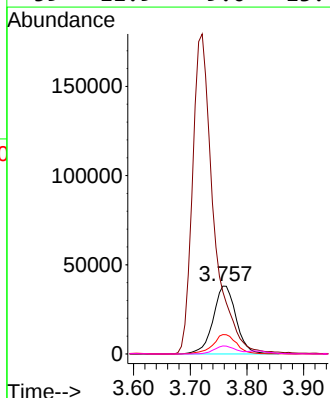
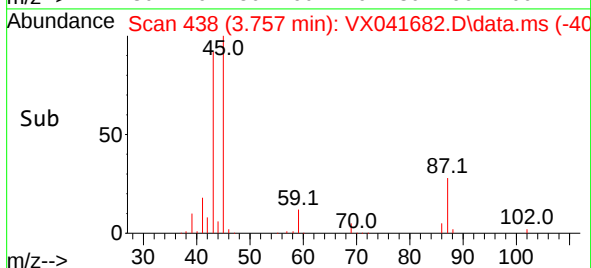
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024

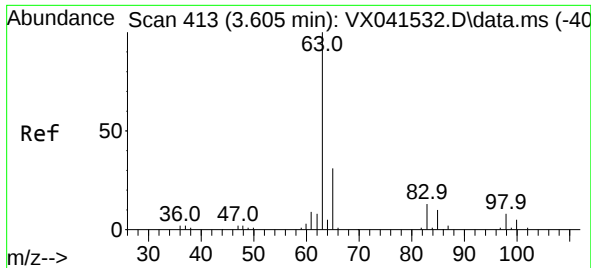


#20
Diisopropyl ether
Concen: 20.138 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23



Tgt Ion: 45 Resp: 107259
Ion Ratio Lower Upper
45 100
43 90.0 66.7 100.1
87 28.5 22.4 33.6
59 11.9 9.0 13.4





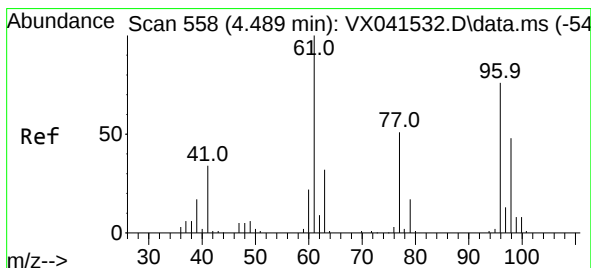
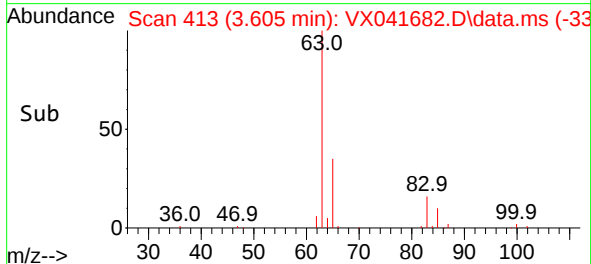
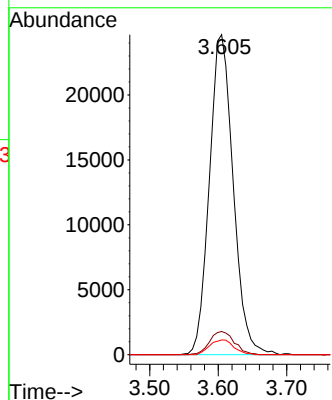
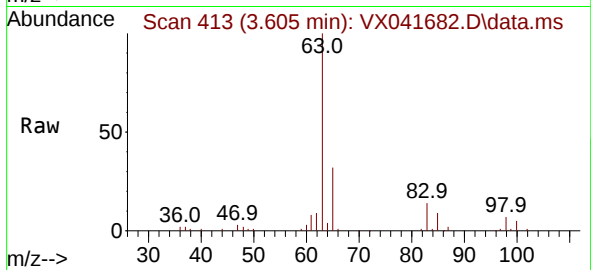
#21
1,1-Dichloroethane
Concen: 19.919 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 5954
Ion Ratio Lower Upper
63 100
98 7.3 3.8 11.4
100 4.6 2.5 7.4

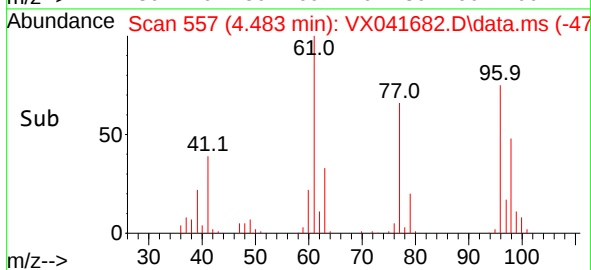
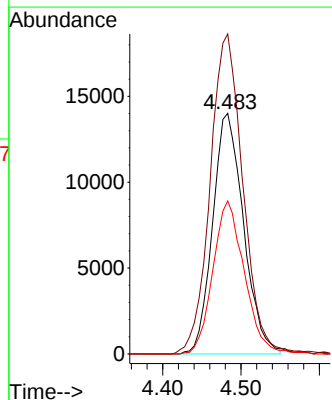
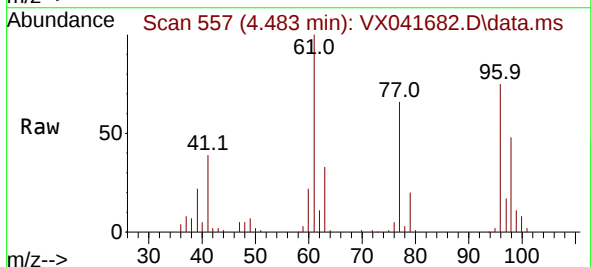
Manual Integrations
APPROVED

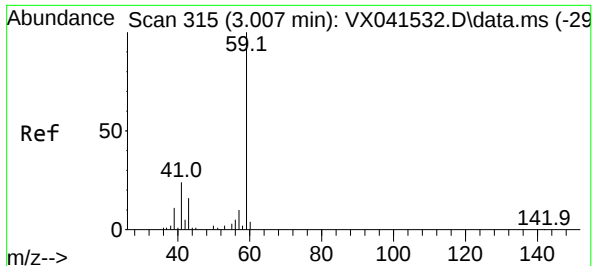
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#22
cis-1,2-Dichloroethene
Concen: 19.302 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

Tgt Ion: 96 Resp: 38420
Ion Ratio Lower Upper
96 100
61 141.1 114.2 171.4
98 64.5 52.6 79.0





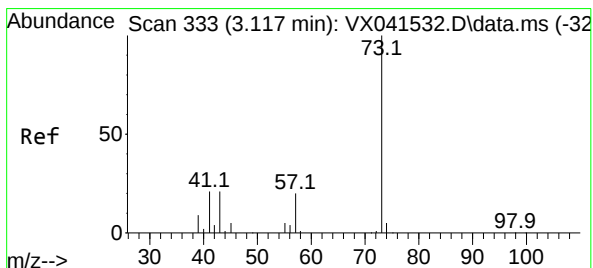
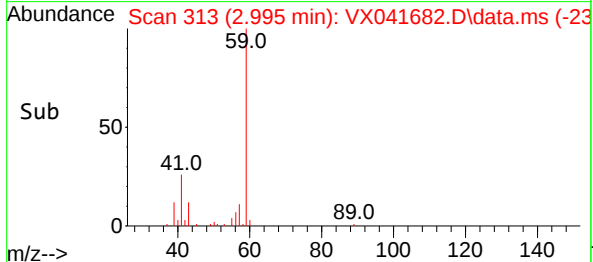
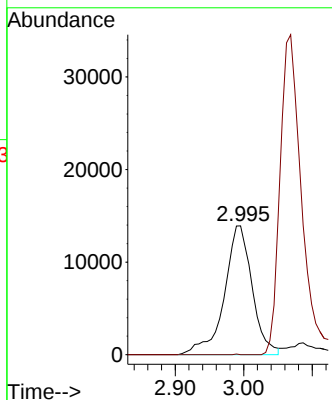
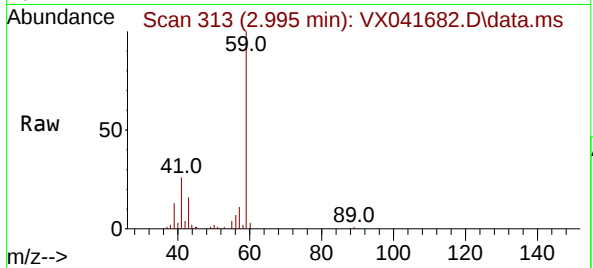
#23
tert-Butyl Alcohol
Concen: 98.068 ug/l
RT: 2.995 min Scan# 315
Delta R.T. -0.012 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 39364
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

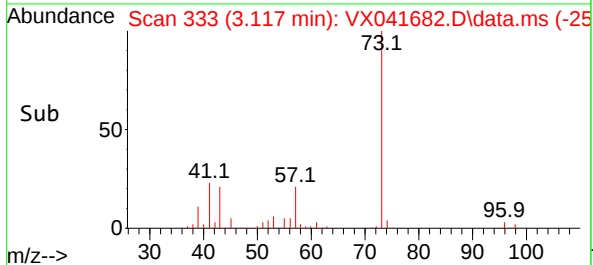
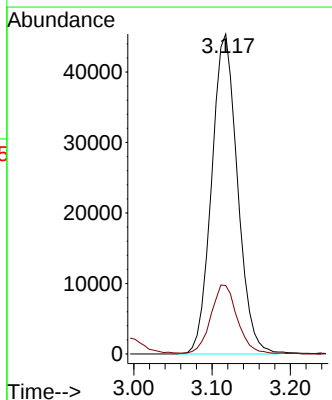
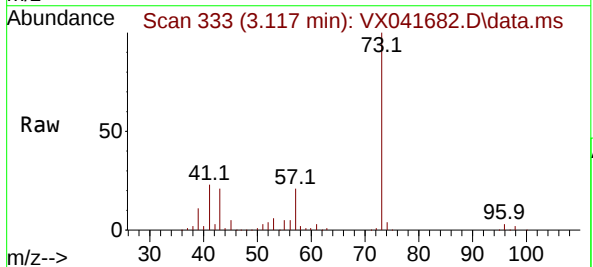
Manual Integrations
APPROVED

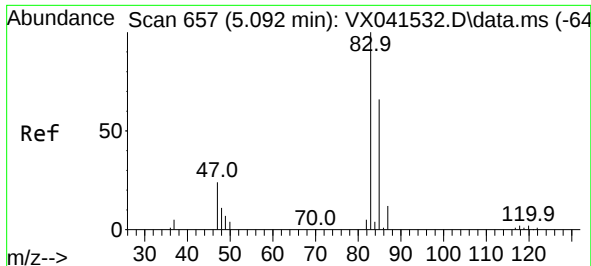
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#24
Methyl tert-Butyl Ether
Concen: 19.550 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

Tgt Ion: 73 Resp: 104259
Ion Ratio Lower Upper
73 100
43 22.2 17.2 25.8





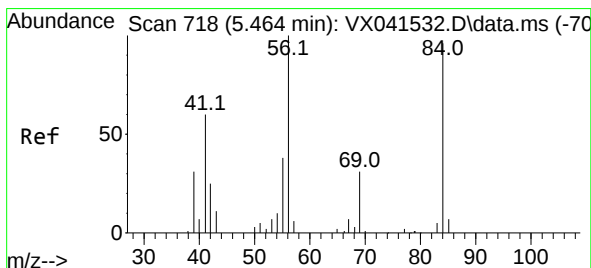
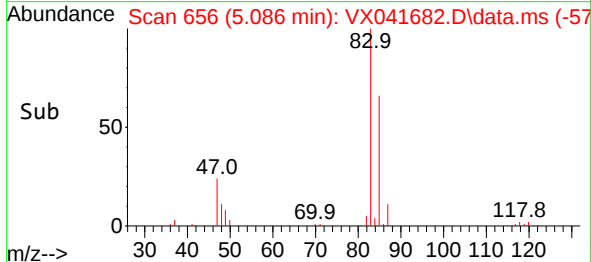
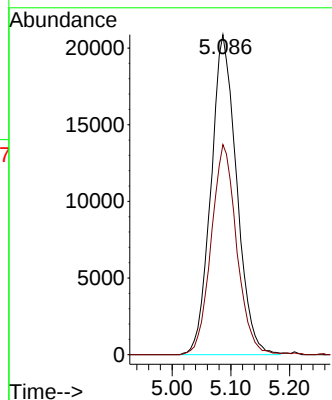
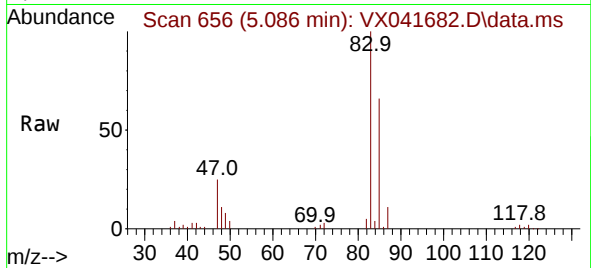
#25
Chloroform
Concen: 19.866 ug/l
RT: 5.086 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 6326
Ion Ratio Lower Upper
83 100
85 65.7 52.9 79.3

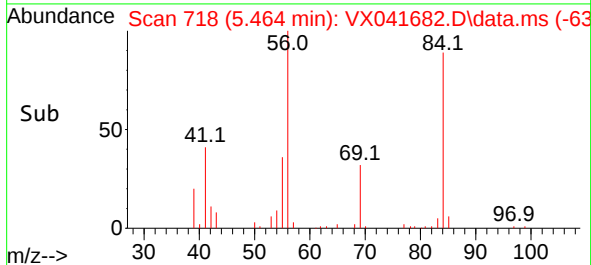
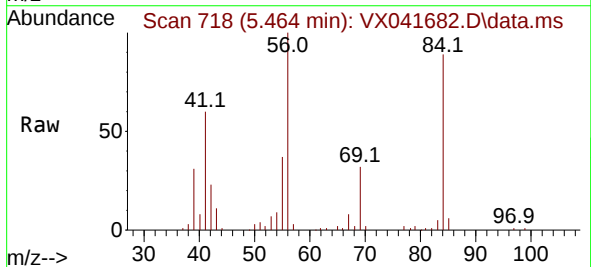
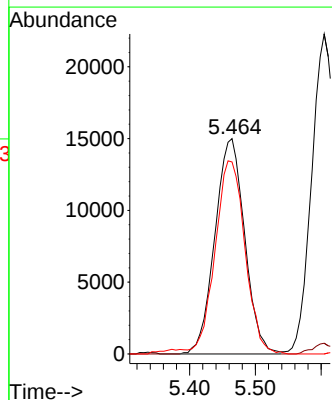
Manual Integrations
APPROVED

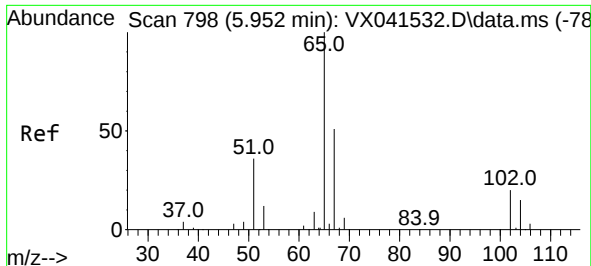
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#26
Cyclohexane
Concen: 18.924 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

Tgt Ion: 56 Resp: 47172
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 90.1 74.0 111.0





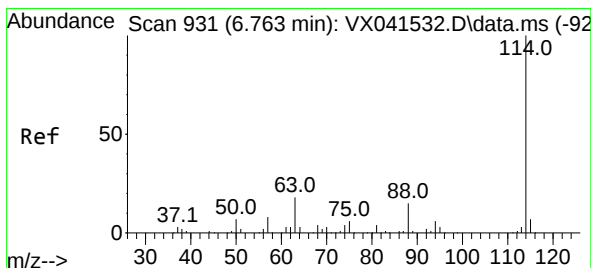
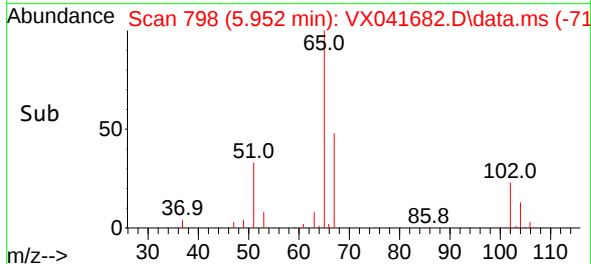
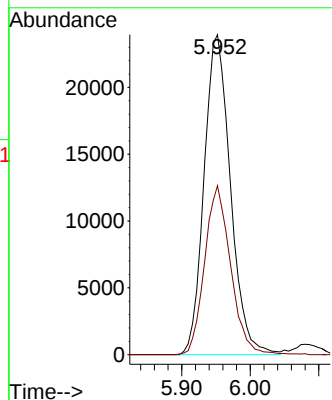
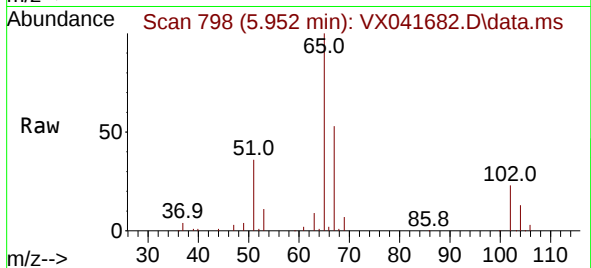
#27
1,2-Dichloroethane-d4
Concen: 29.146 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 65 Resp: 6408
Ion Ratio Lower Upper
65 100
67 51.9 40.8 61.2

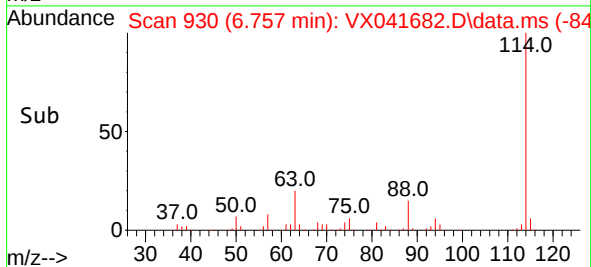
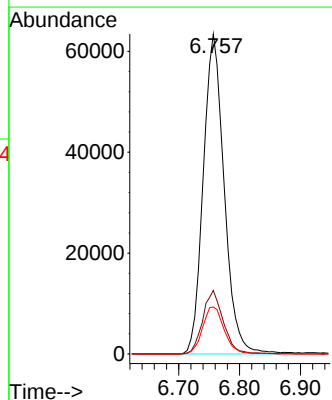
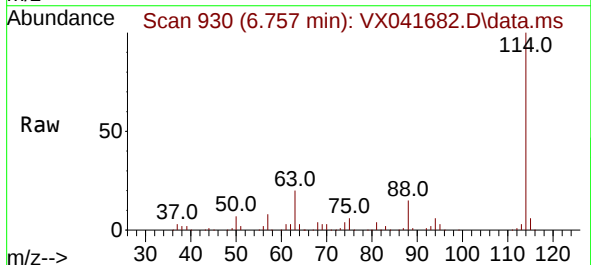
Manual Integrations
APPROVED

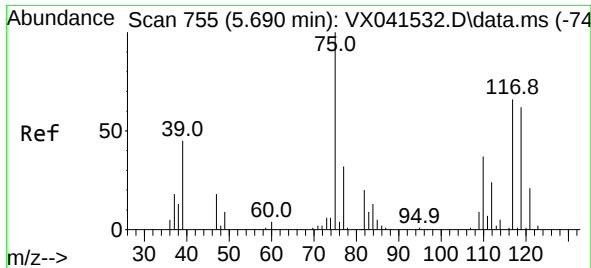
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

Tgt Ion:114 Resp: 151473
Ion Ratio Lower Upper
114 100
63 19.3 15.4 23.0
88 15.1 12.2 18.2





#29
1,1-Dichloropropene
Concen: 20.612 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

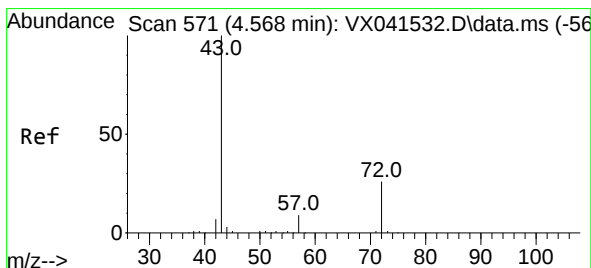
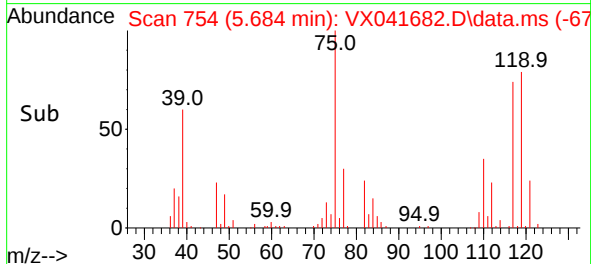
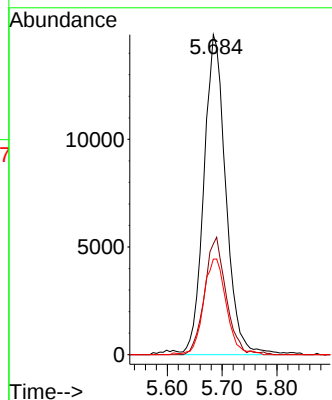
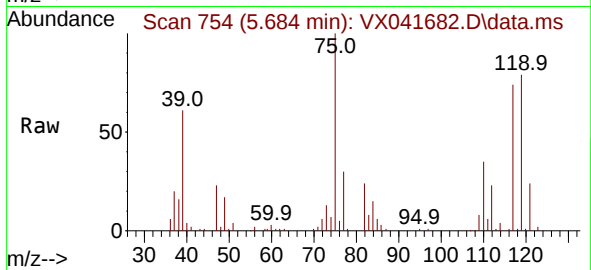
Tgt Ion: 75 Resp: 4130
Ion Ratio Lower Upper
75 100
110 35.5 0.0 74.4
77 30.0 0.0 62.6

Manual Integrations

APPROVED

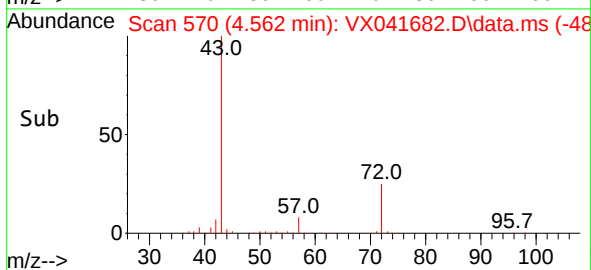
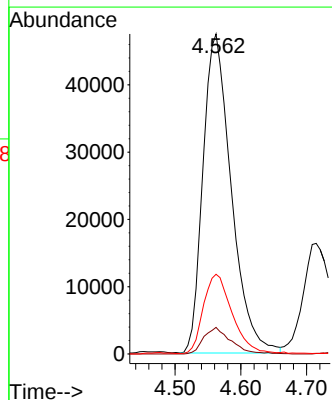
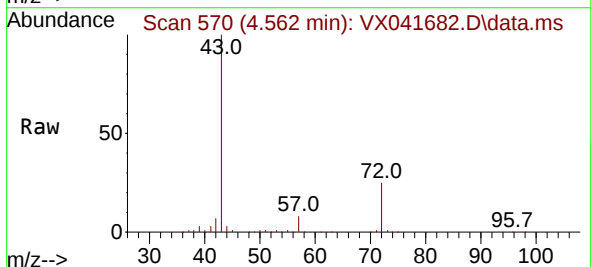
Reviewed By :John Carlone 05/31/2024

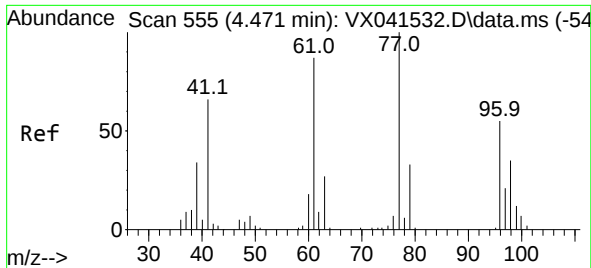
Supervised By :Mahesh Dadoda 05/31/2024



#30
2-Butanone
Concen: 107.021 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

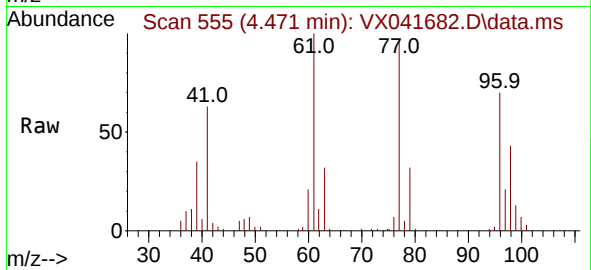
Tgt Ion: 43 Resp: 142334
Ion Ratio Lower Upper
43 100
57 7.9 6.6 10.0
72 25.4 20.7 31.1





#31
2,2-Dichloropropane
Concen: 20.729 ug/l
RT: 4.471 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

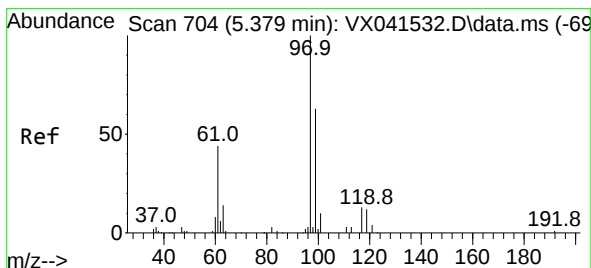
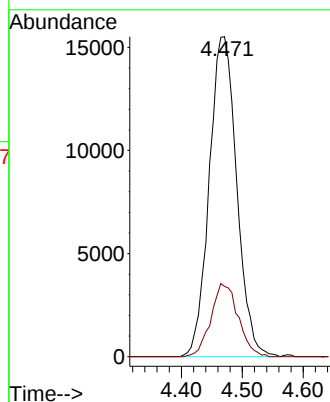
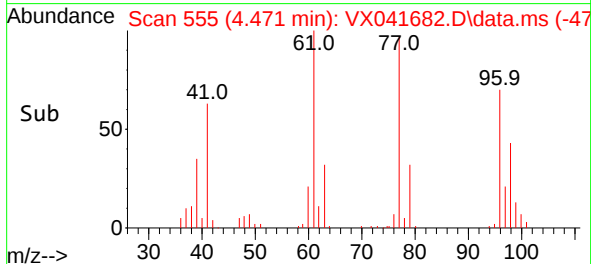
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



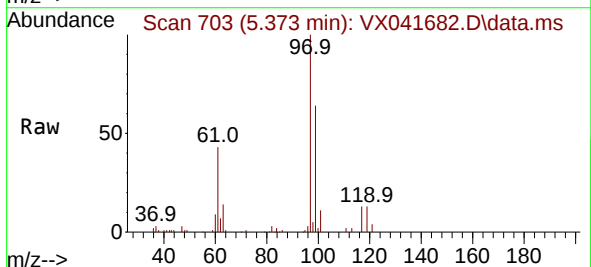
Tgt Ion: 77 Resp: 48740
Ion Ratio Lower Upper
77 100
97 22.6 18.0 27.0

Manual Integrations
APPROVED

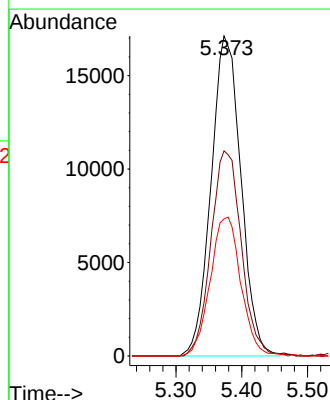
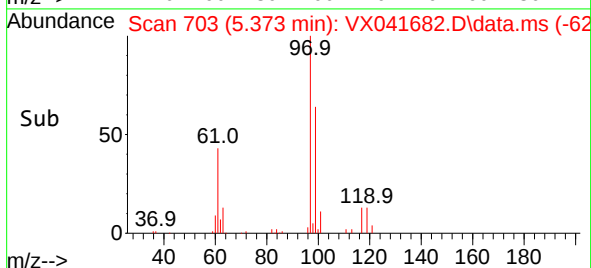
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024

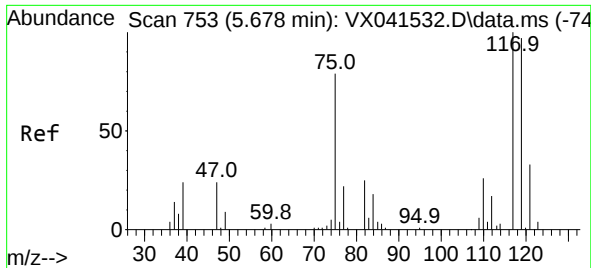


#32
1,1,1-Trichloroethane
Concen: 20.136 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23



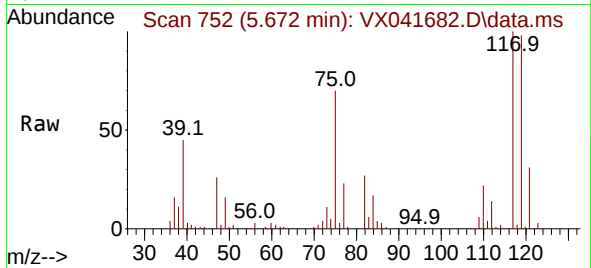
Tgt Ion: 97 Resp: 54137
Ion Ratio Lower Upper
97 100
99 64.9 50.7 76.1
61 44.2 34.6 51.8





#33
Carbon Tetrachloride
Concen: 19.972 ug/l
RT: 5.672 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

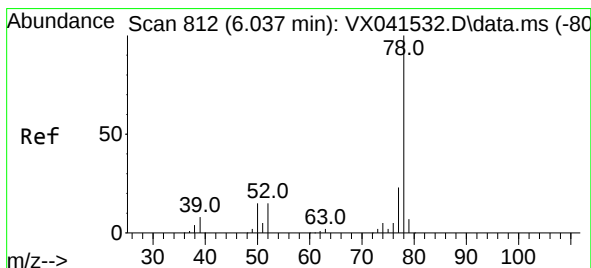
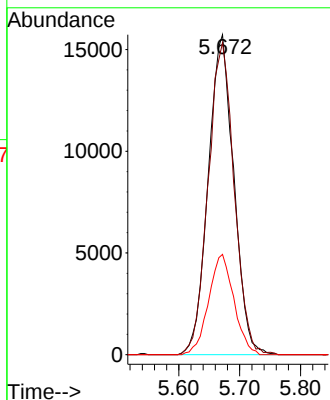
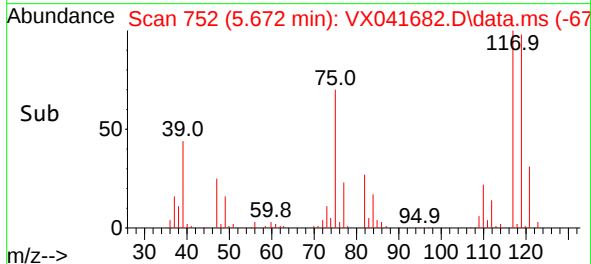
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:117 Resp: 45944
Ion Ratio Lower Upper
117 100
119 97.5 77.4 116.2
121 31.3 26.4 39.6

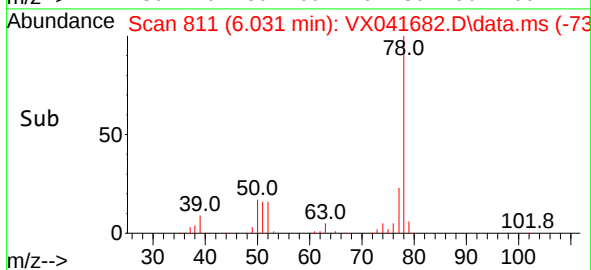
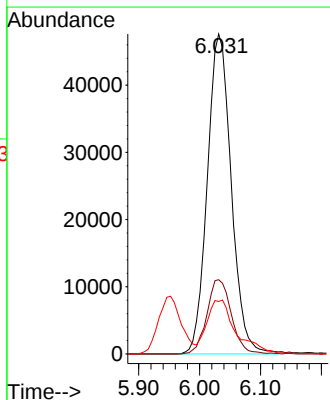
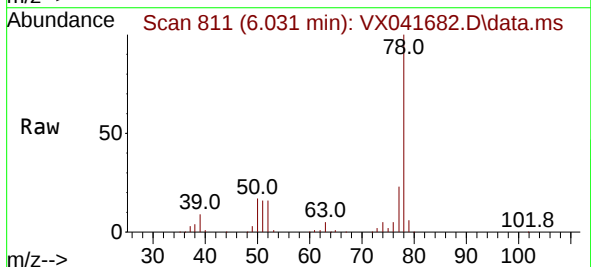
Manual Integrations
APPROVED

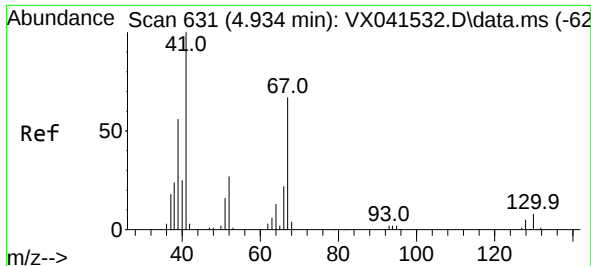
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#34
Benzene
Concen: 20.535 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

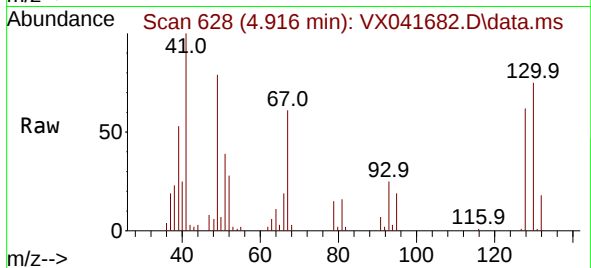
Tgt Ion: 78 Resp: 129947
Ion Ratio Lower Upper
78 100
77 23.2 18.6 28.0
51 16.1 12.4 18.6





#35
Methacrylonitrile
Concen: 20.850 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.018 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

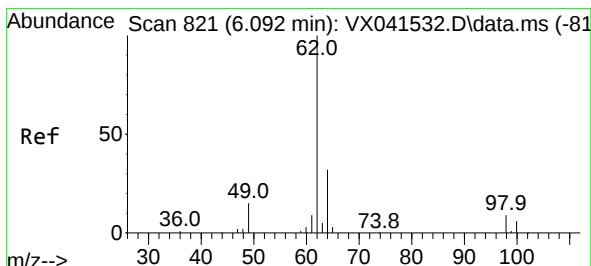
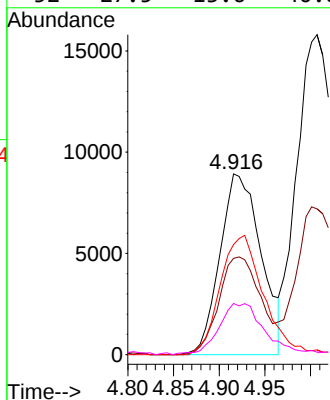
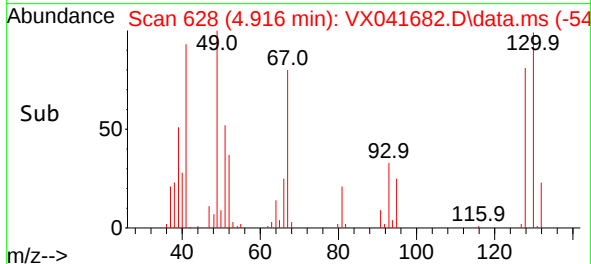
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 41 Resp: 2797
Ion Ratio Lower Upper
41 100
39 53.3 28.1 84.4
67 60.9 33.7 101.1
52 27.5 13.6 40.8

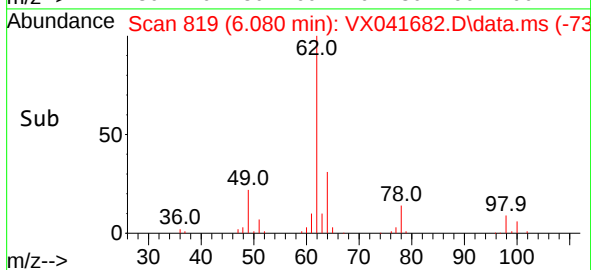
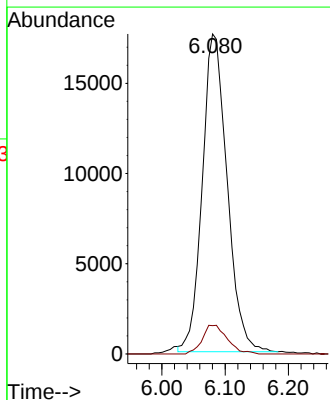
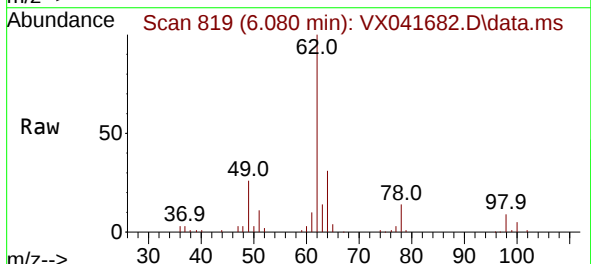
Manual Integrations
APPROVED

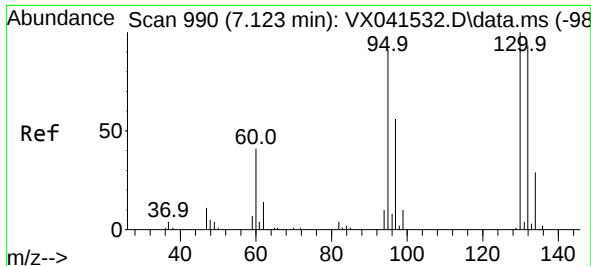
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#36
1,2-Dichloroethane
Concen: 20.343 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.012 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

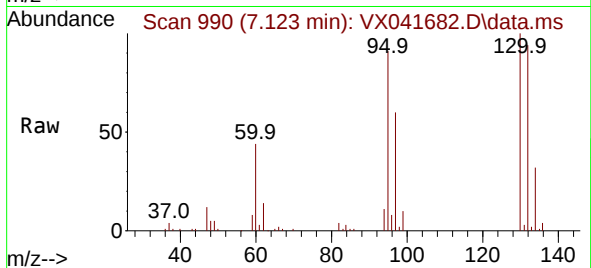
Tgt Ion: 62 Resp: 48038
Ion Ratio Lower Upper
62 100
98 8.9 7.4 11.0





#37
Trichloroethene
Concen: 19.621 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

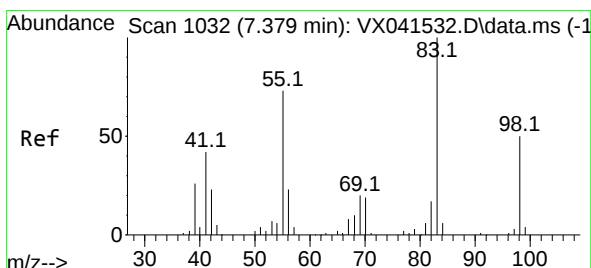
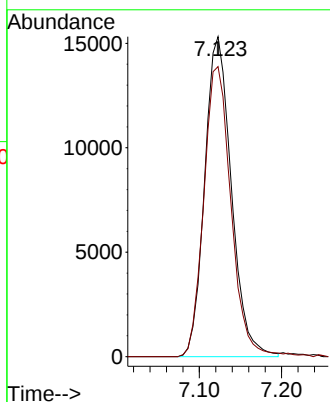
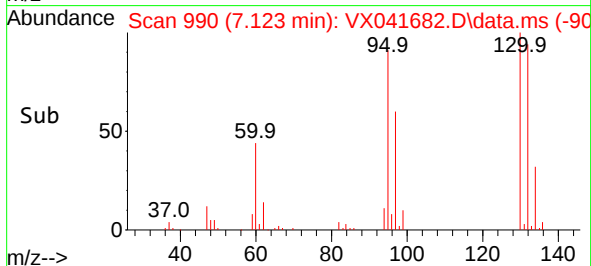
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



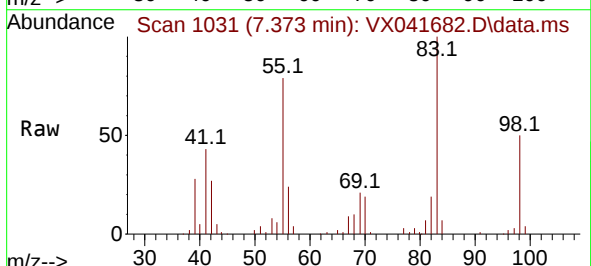
Tgt Ion:130 Resp: 34594
Ion Ratio Lower Upper
130 100
95 90.7 72.6 108.8

Manual Integrations
APPROVED

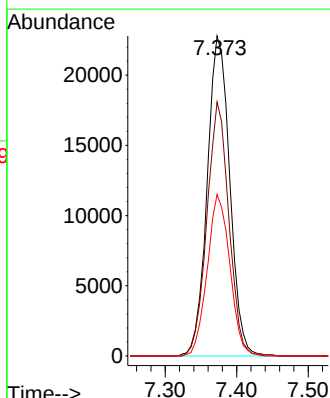
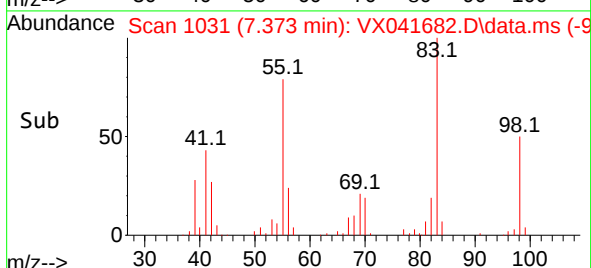
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024

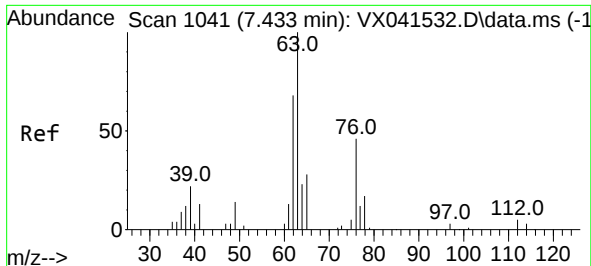


#38
Methylcyclohexane
Concen: 19.638 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23



Tgt Ion: 83 Resp: 49963
Ion Ratio Lower Upper
83 100
55 77.0 37.7 113.1
98 50.8 25.1 75.3





#39

1,2-Dichloropropane

Concen: 21.054 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX041682.D

Acq: 30 May 2024 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 31494

Ion Ratio Lower Upper

63 100

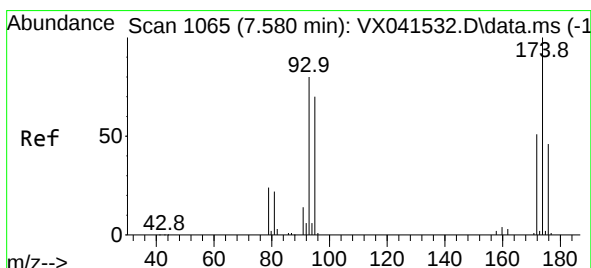
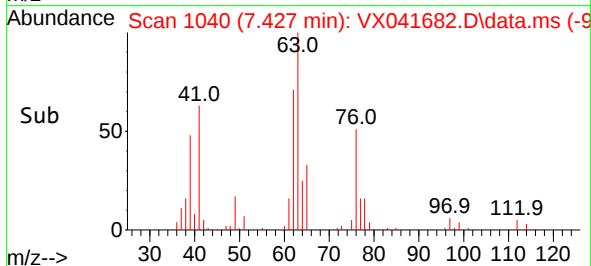
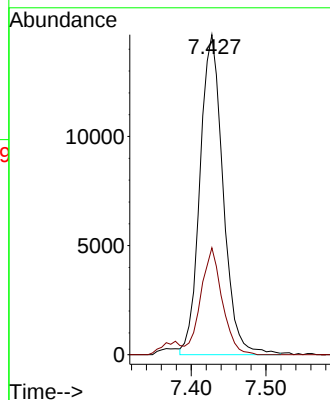
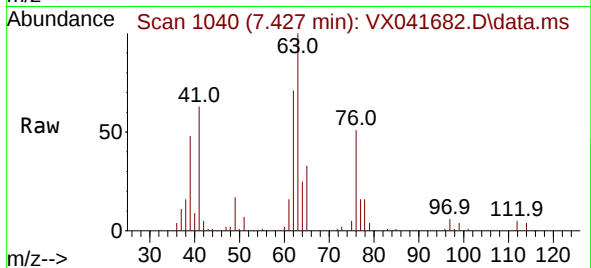
65 33.5 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/31/2024

Supervised By :Mahesh Dadoda 05/31/2024



#40

Dibromomethane

Concen: 20.792 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX041682.D

Acq: 30 May 2024 09:23

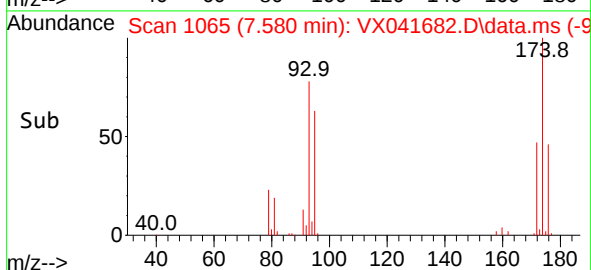
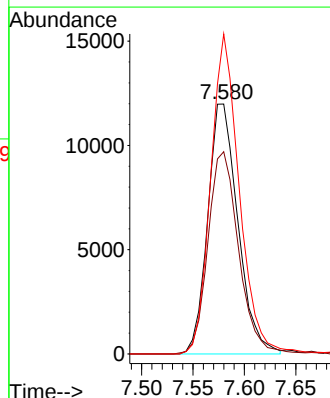
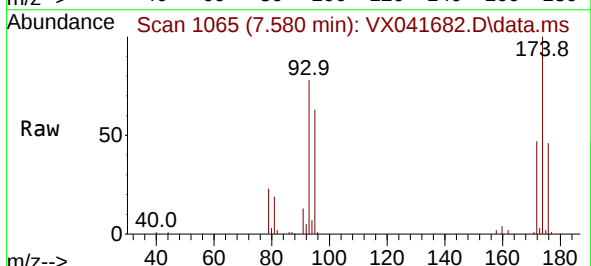
Tgt Ion: 93 Resp: 24478

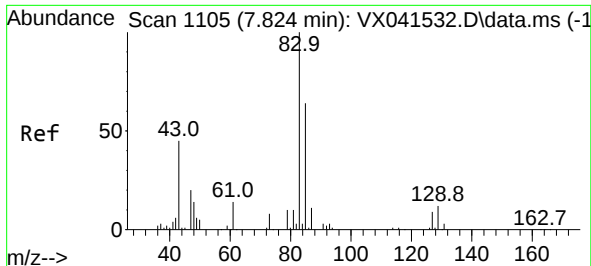
Ion Ratio Lower Upper

93 100

95 82.1 0.0 168.6

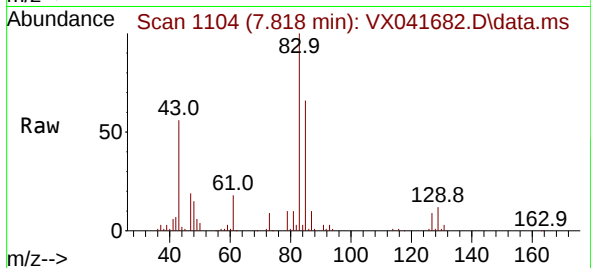
174 121.6 0.0 249.8





#41
Bromodichloromethane
Concen: 20.374 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

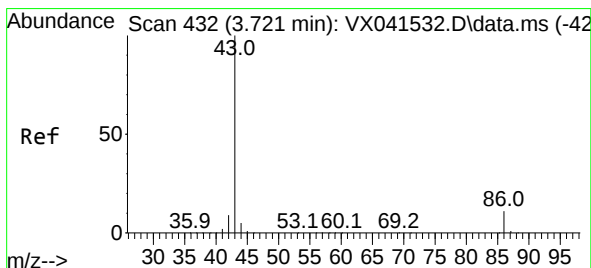
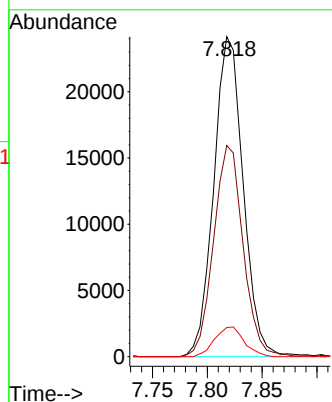
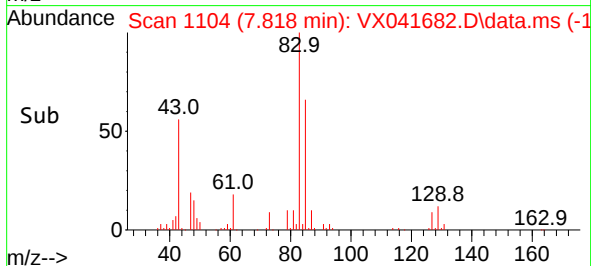
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 83 Resp: 4503
Ion Ratio Lower Upper
83 100
85 66.0 51.0 76.4
127 9.1 7.1 10.7

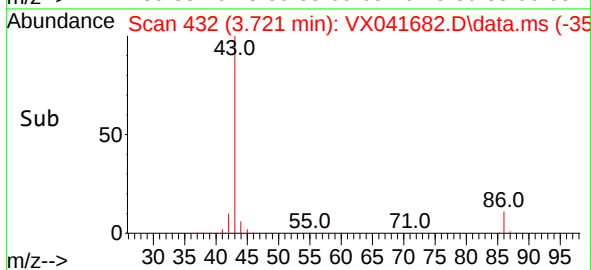
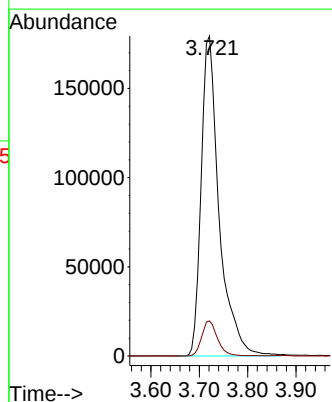
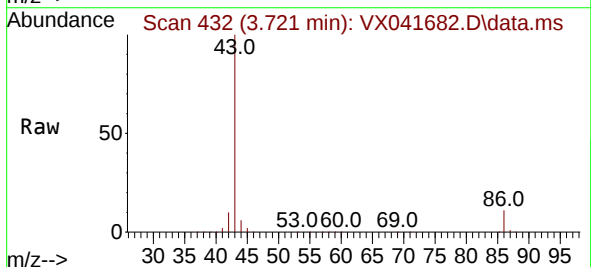
Manual Integrations
APPROVED

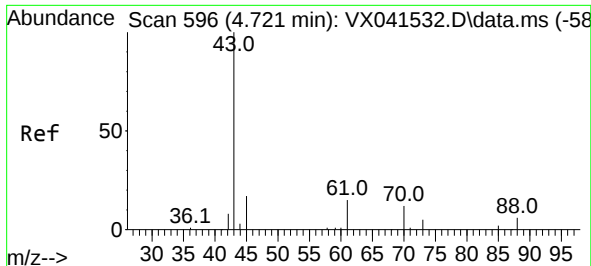
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#42
Vinyl Acetate
Concen: 100.461 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

Tgt Ion: 43 Resp: 463565
Ion Ratio Lower Upper
43 100
86 9.5 7.8 11.6





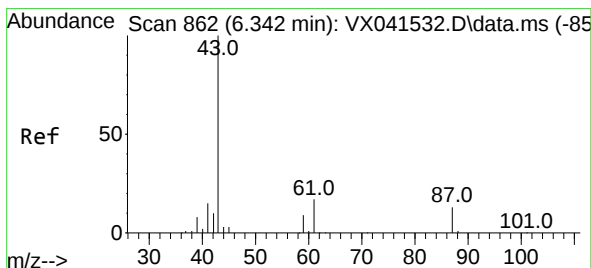
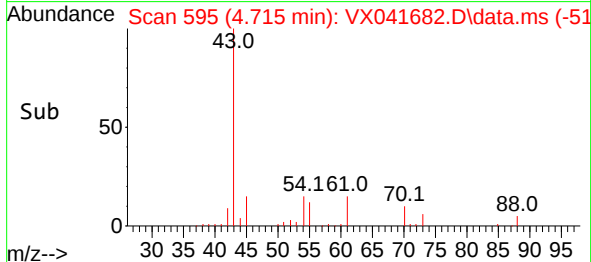
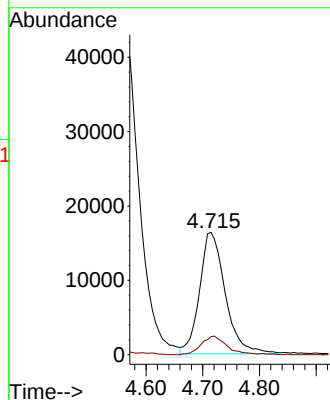
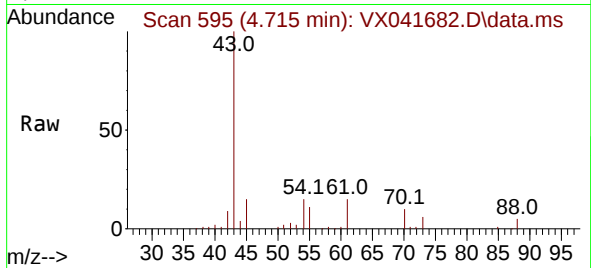
#43
Ethyl Acetate
Concen: 20.036 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 51415
Ion Ratio Lower Upper
43 100
45 15.0 11.9 17.9

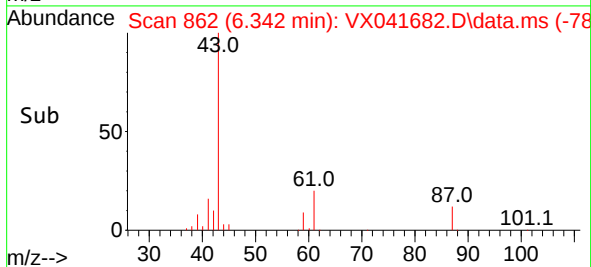
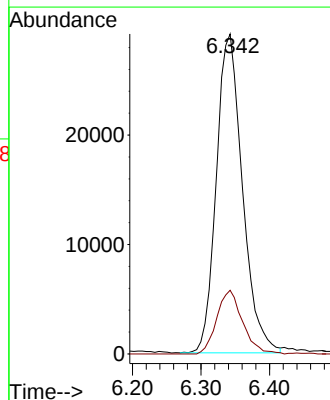
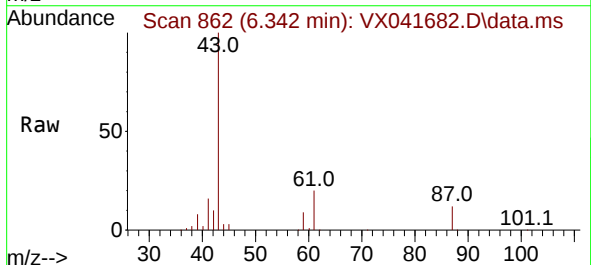
Manual Integrations
APPROVED

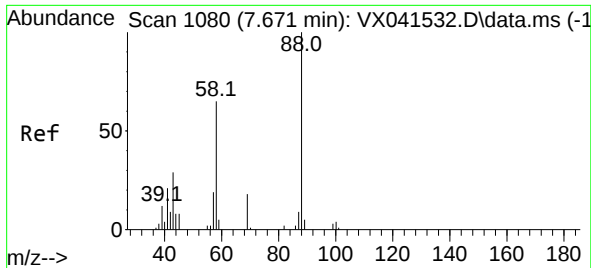
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#44
Isopropyl Acetate
Concen: 19.850 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

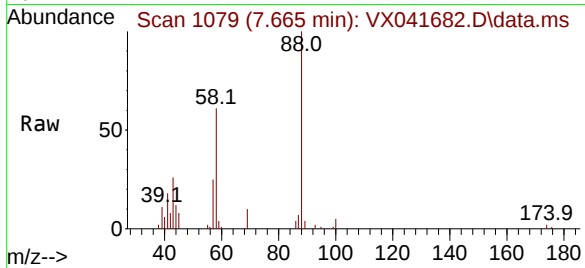
Tgt Ion: 43 Resp: 77001
Ion Ratio Lower Upper
43 100
61 19.5 15.3 22.9





#45
1,4-Dioxane
Concen: 360.023 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. -0.006 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

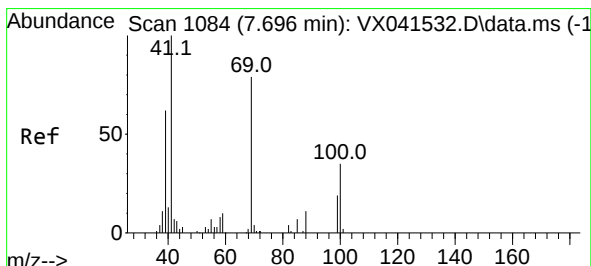
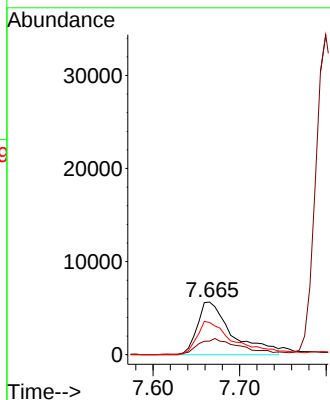
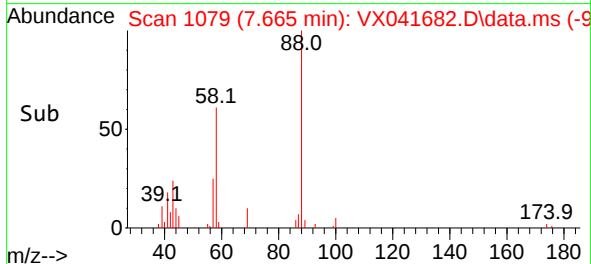
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 88 Resp: 15750
Ion Ratio Lower Upper
88 100
43 32.7 24.9 37.3
58 69.2 47.0 70.4

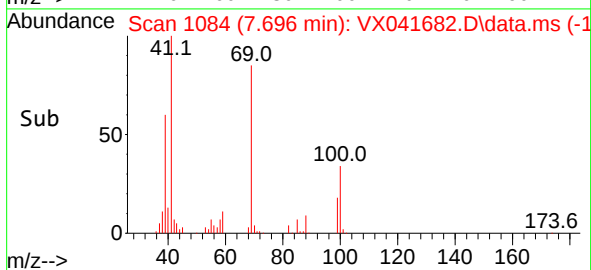
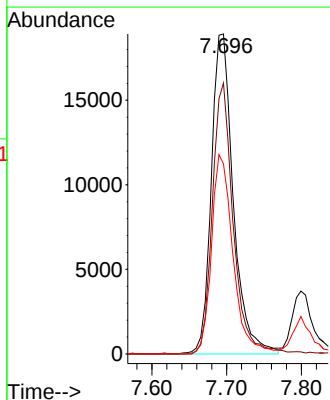
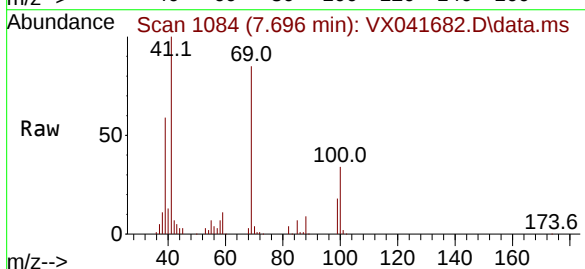
Manual Integrations
APPROVED

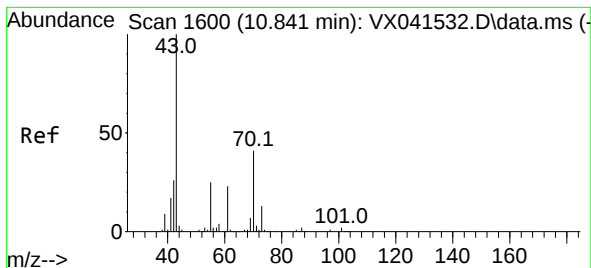
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#46
Methyl methacrylate
Concen: 20.119 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

Tgt Ion: 41 Resp: 38830
Ion Ratio Lower Upper
41 100
69 84.7 39.6 119.0
39 59.4 30.9 92.8





#47

n-amyl acetate

Concen: 19.782 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041682.D

Acq: 30 May 2024 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 69580

Ion Ratio Lower Upper

43 100

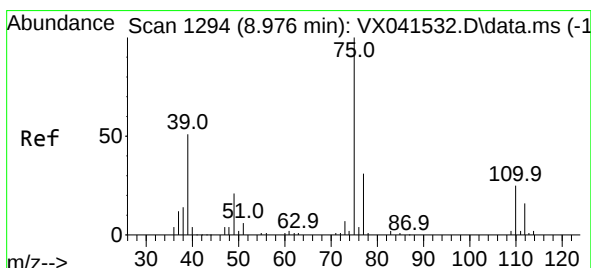
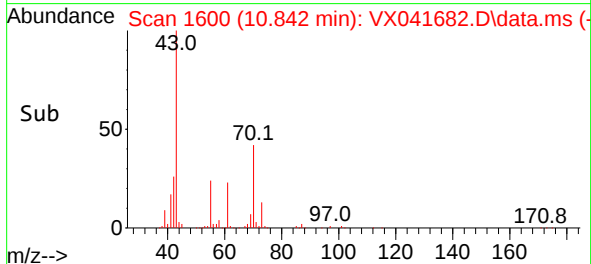
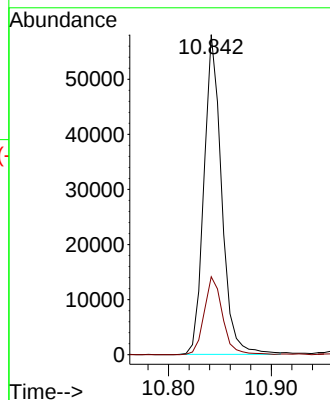
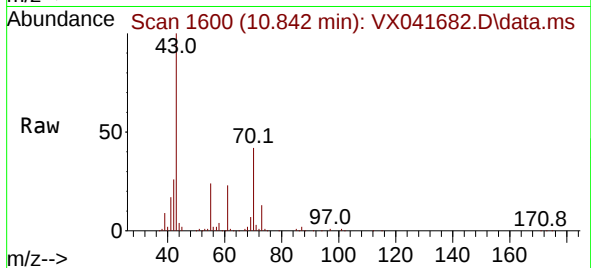
55 25.4 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/31/2024

Supervised By :Mahesh Dadoda 05/31/2024



#48

t-1,3-dichloropropene

Concen: 19.395 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX041682.D

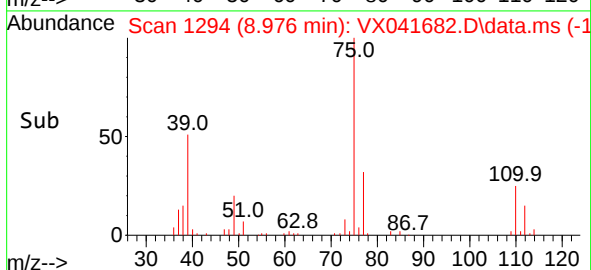
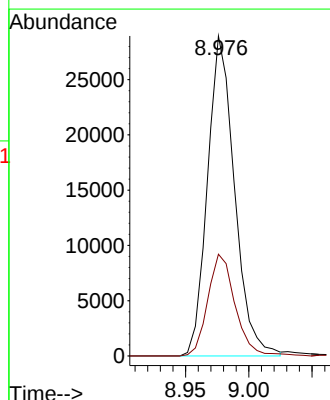
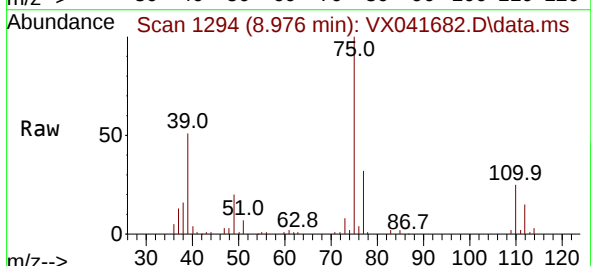
Acq: 30 May 2024 09:23

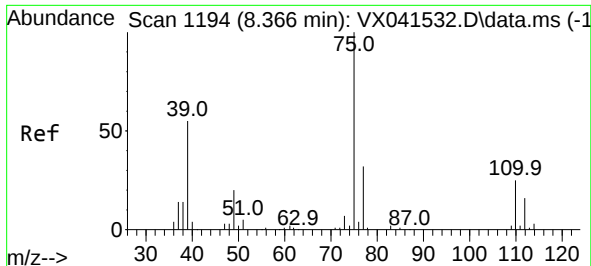
Tgt Ion: 75 Resp: 43050

Ion Ratio Lower Upper

75 100

77 31.8 24.5 36.7





#49

cis-1,3-Dichloropropene

Concen: 20.244 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX041682.D

Acq: 30 May 2024 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 4867

Ion Ratio Lower Upper

75 100

77 30.8 25.8 38.8

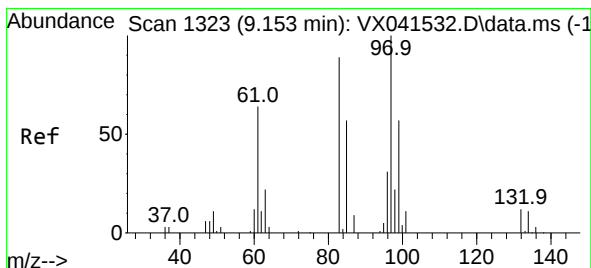
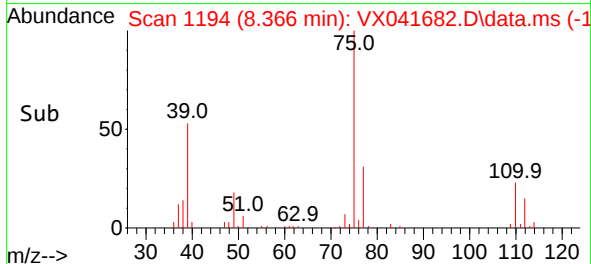
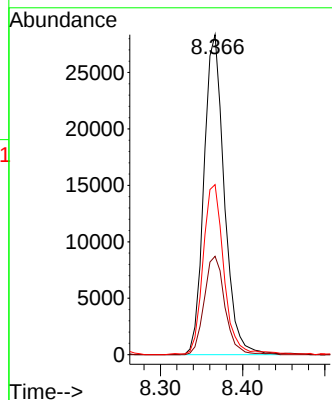
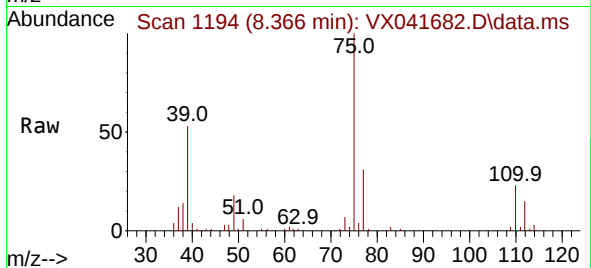
39 52.9 43.6 65.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/31/2024

Supervised By :Mahesh Dadoda 05/31/2024



#50

1,1,2-Trichloroethane

Concen: 20.882 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX041682.D

Acq: 30 May 2024 09:23

Tgt Ion: 97 Resp: 34199

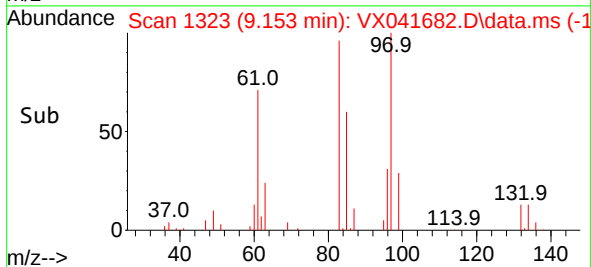
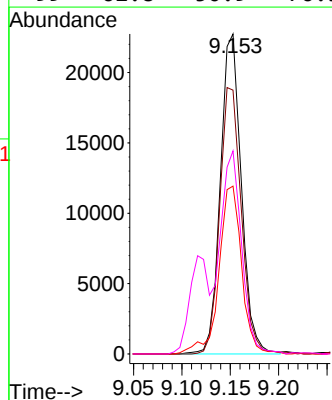
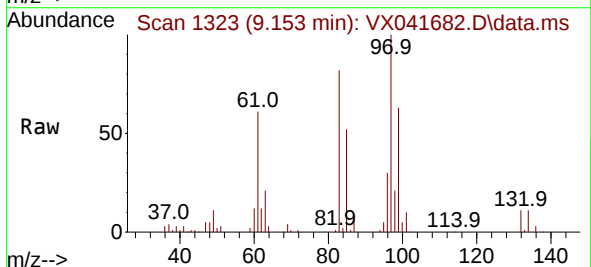
Ion Ratio Lower Upper

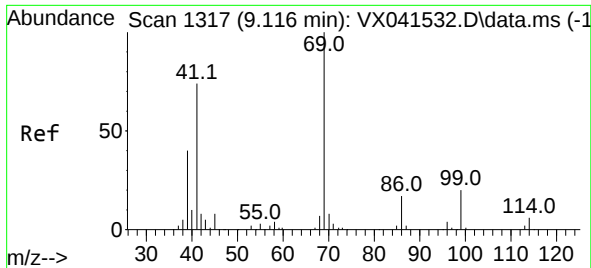
97 100

83 82.4 71.3 106.9

85 52.0 45.7 68.5

99 62.8 50.9 76.3





#51
Ethyl methacrylate
Concen: 19.613 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

Instrument :

MSVOA_X

ClientSampleId :

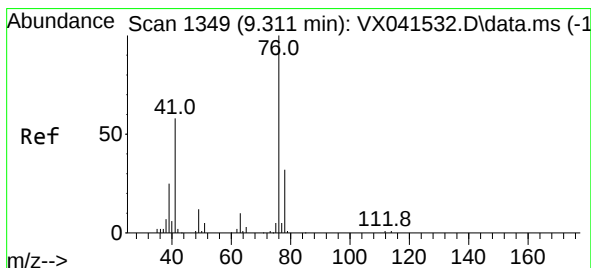
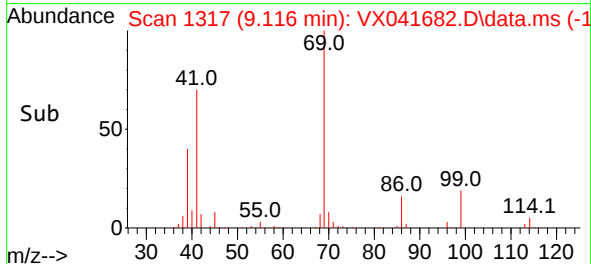
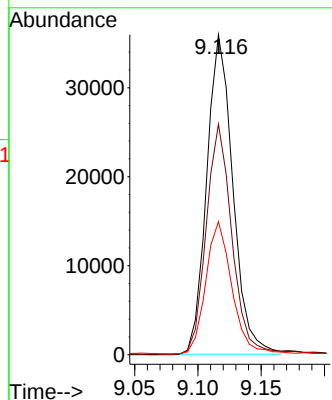
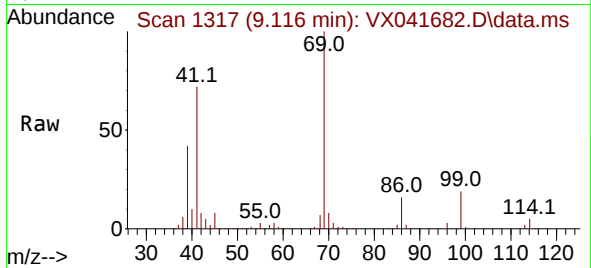
VSTDCCC020

Tgt Ion: 69 Resp: 5170
Ion Ratio Lower Upper
69 100
41 71.9 37.1 111.3
39 41.3 20.2 60.6

Manual Integrations

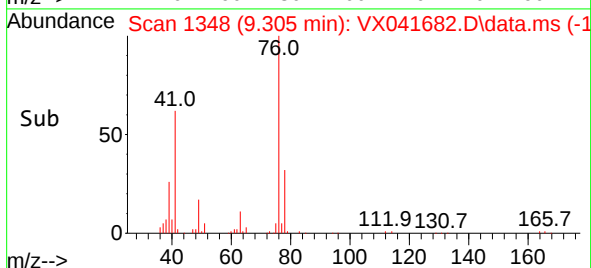
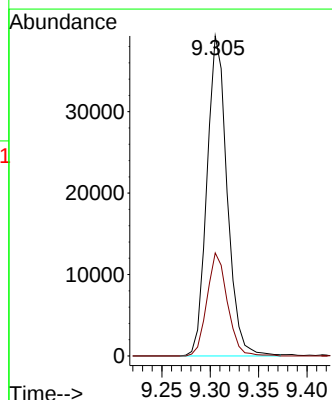
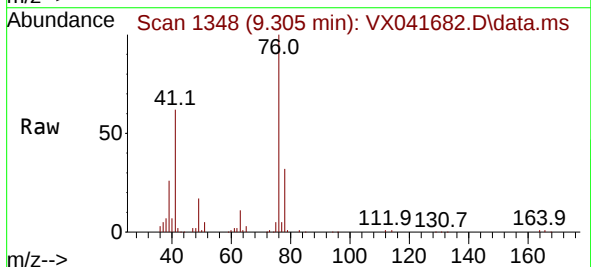
APPROVED

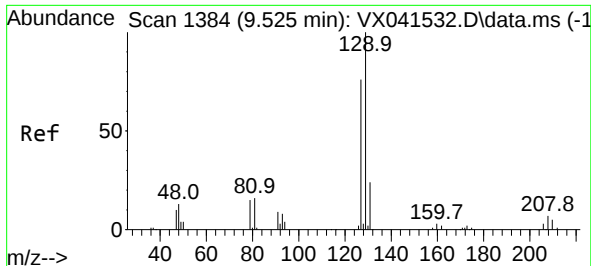
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#52
1,3-Dichloropropane
Concen: 21.158 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

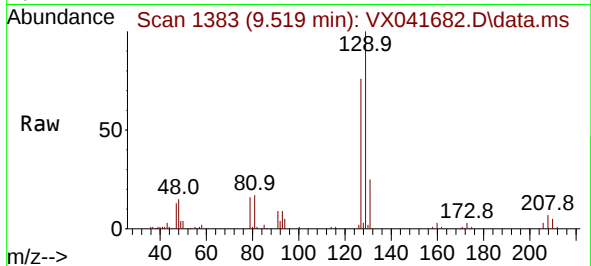
Tgt Ion: 76 Resp: 57260
Ion Ratio Lower Upper
76 100
78 32.5 0.0 64.4





#53
Dibromochloromethane
Concen: 20.285 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

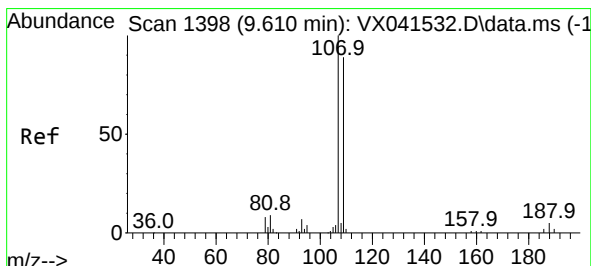
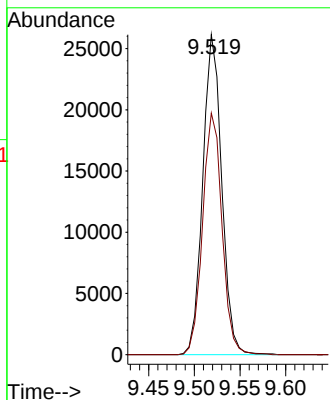
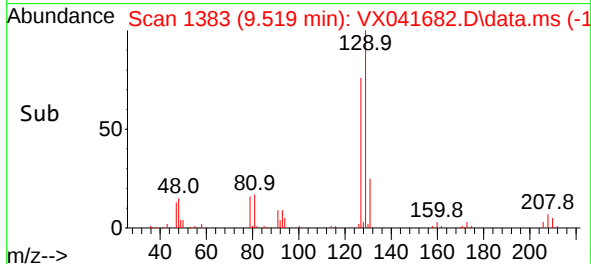
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:129 Resp: 37799
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.7

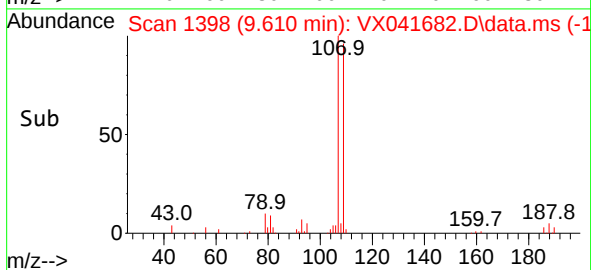
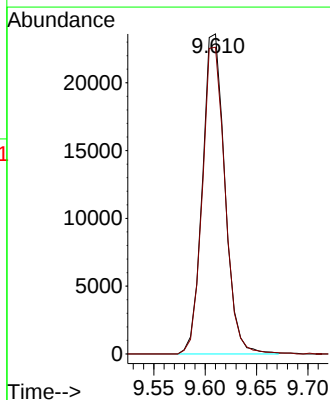
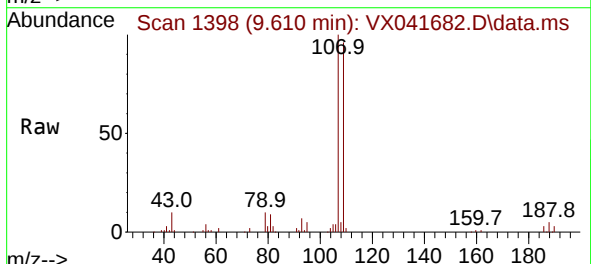
Manual Integrations
APPROVED

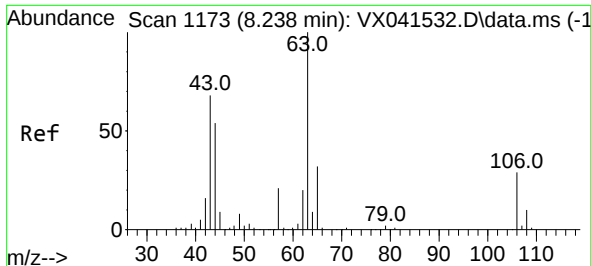
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#54
1,2-Dibromoethane
Concen: 20.687 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

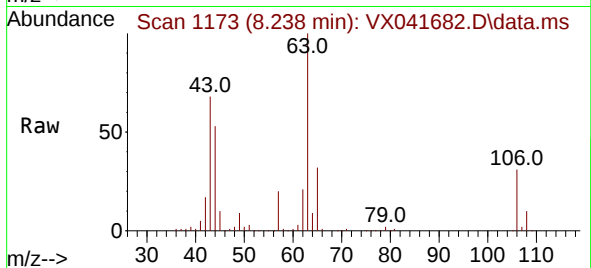
Tgt Ion:107 Resp: 35927
Ion Ratio Lower Upper
107 100
109 97.1 75.3 112.9





#55
2-Chloroethyl vinyl ether
Concen: 104.793 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

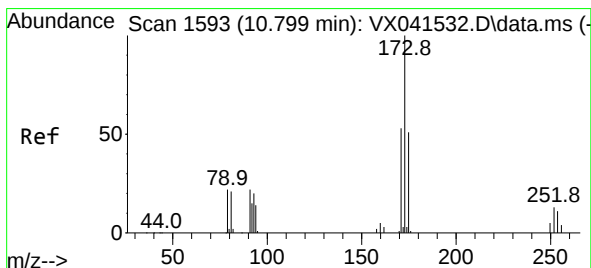
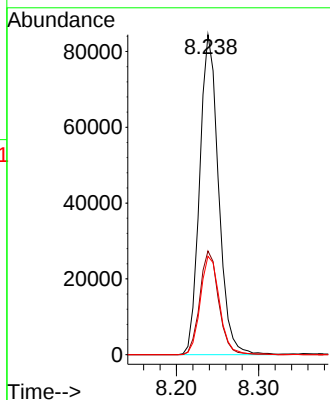
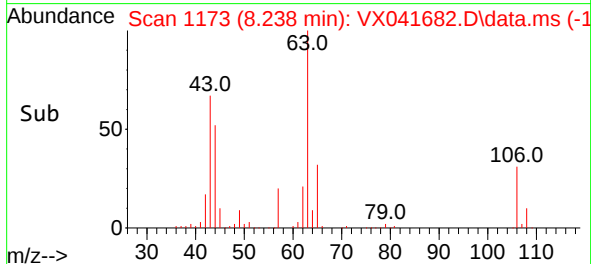
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 63 Resp: 134838
Ion Ratio Lower Upper
63 100
65 32.2 25.5 38.3
106 31.2 24.7 37.1

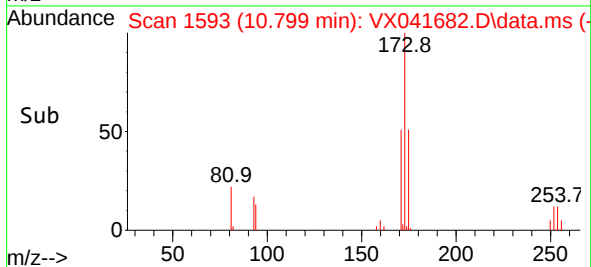
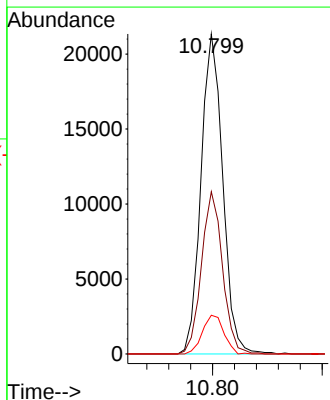
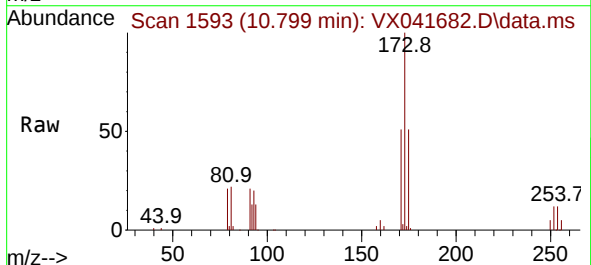
Manual Integrations
APPROVED

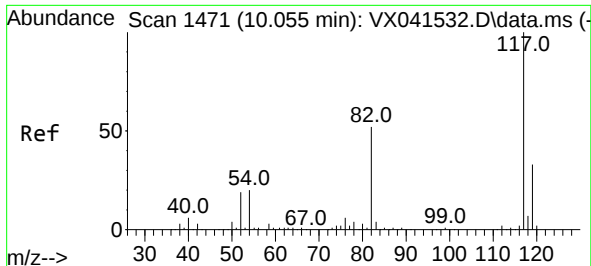
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#56
Bromoform
Concen: 19.684 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

Tgt Ion:173 Resp: 29387
Ion Ratio Lower Upper
173 100
175 49.2 39.0 58.6
254 11.9 10.3 15.5





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041682.D

Acq: 30 May 2024 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:117 Resp: 142060

Ion Ratio Lower Upper

117 100

82 52.3 41.7 62.5

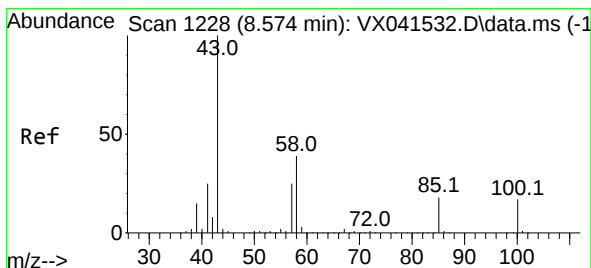
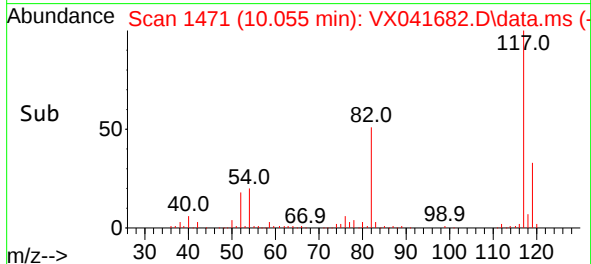
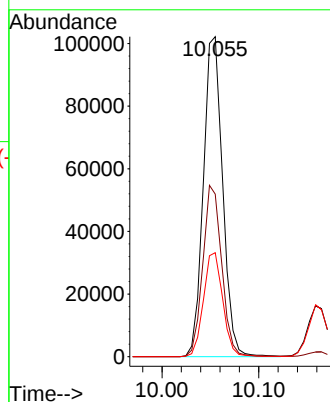
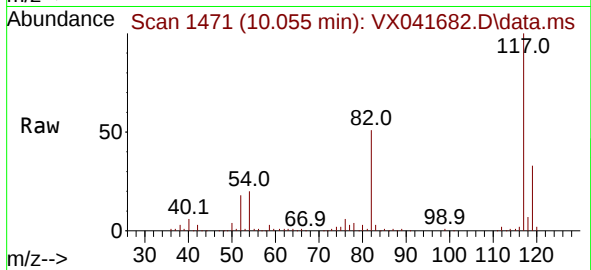
119 32.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/31/2024

Supervised By :Mahesh Dadoda 05/31/2024



#58

4-Methyl-2-Pentanone

Concen: 104.209 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX041682.D

Acq: 30 May 2024 09:23

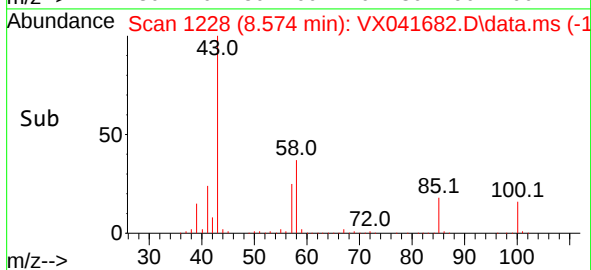
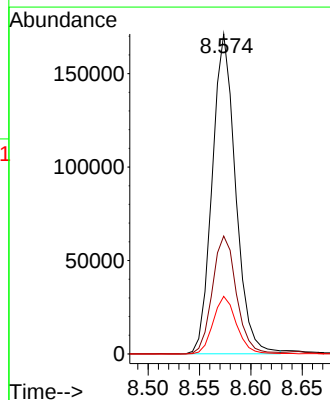
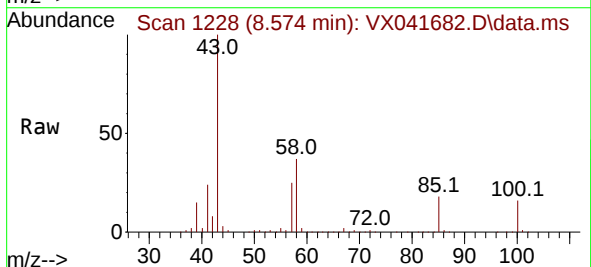
Tgt Ion: 43 Resp: 270491

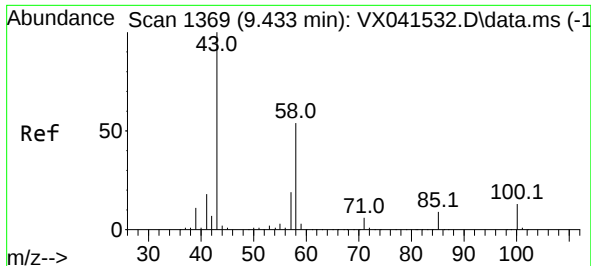
Ion Ratio Lower Upper

43 100

58 38.0 30.2 45.4

85 18.0 14.6 21.8





#59

2-Hexanone

Concen: 103.315 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX041682.D

Acq: 30 May 2024 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 21363

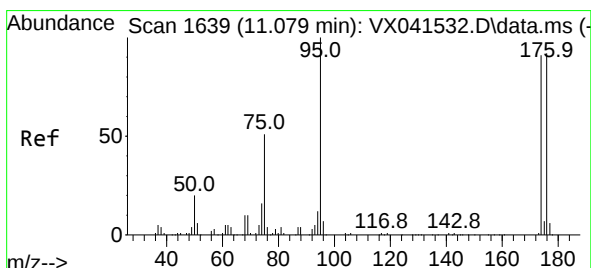
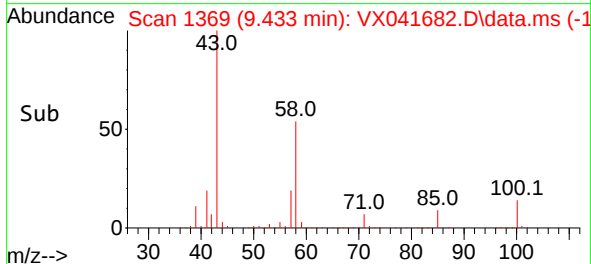
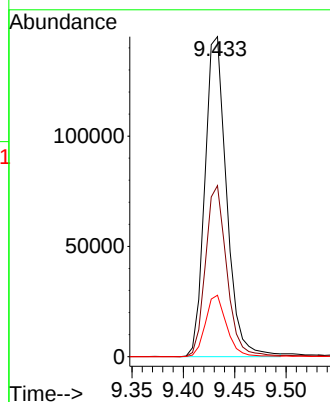
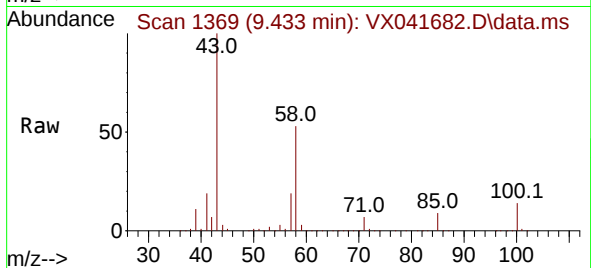
Ion	Ratio	Lower	Upper
43	100		
58	52.6	42.3	63.5
57	18.8	15.1	22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/31/2024

Supervised By :Mahesh Dadoda 05/31/2024



#60

4-Bromofluorobenzene

Concen: 31.226 ug/l

RT: 11.079 min Scan# 1639

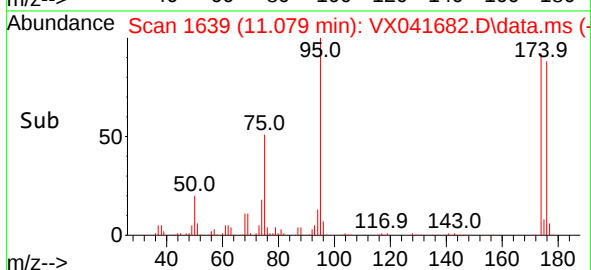
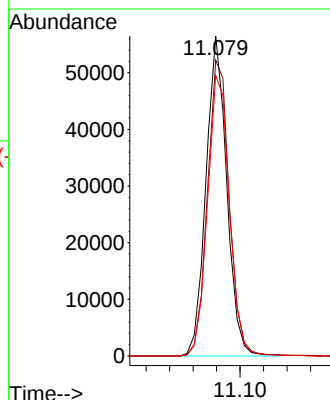
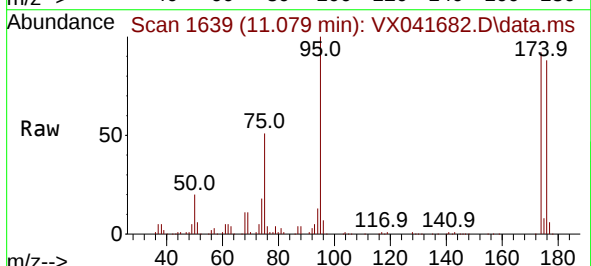
Delta R.T. 0.000 min

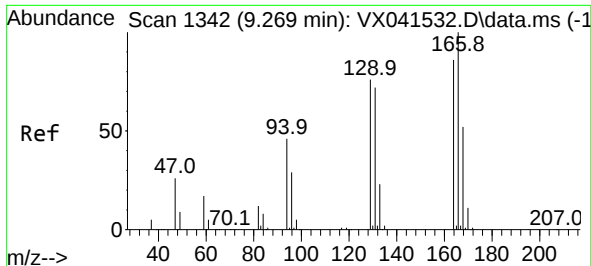
Lab File: VX041682.D

Acq: 30 May 2024 09:23

Tgt Ion: 95 Resp: 69249

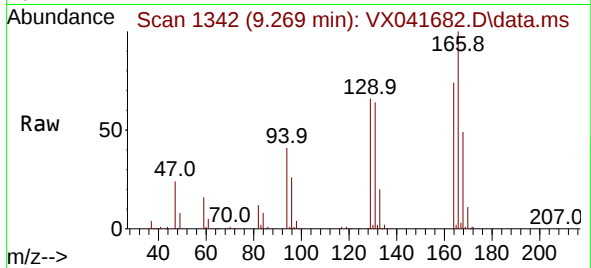
Ion	Ratio	Lower	Upper
95	100		
174	97.4	76.6	115.0
176	92.3	75.4	113.0





#61
Tetrachloroethene
Concen: 19.859 ug/l
RT: 9.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

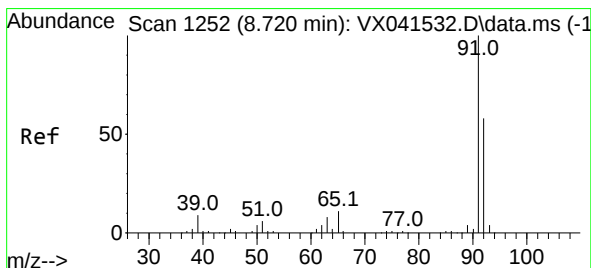
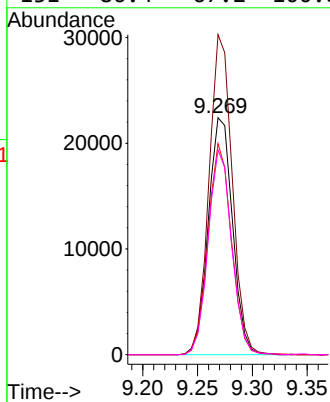
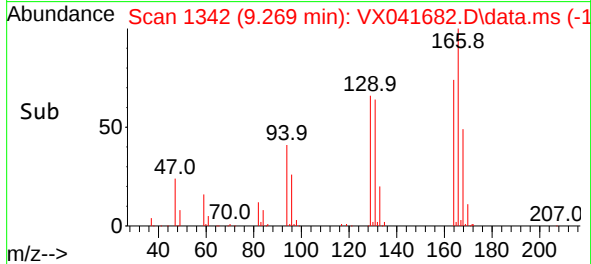
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



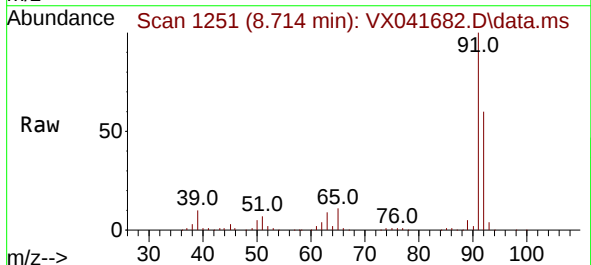
Tgt Ion:164 Resp: 3451
Ion Ratio Lower Upper
164 100
166 135.0 92.8 139.2
129 89.1 70.1 105.1
131 86.4 67.2 100.8

Manual Integrations
APPROVED

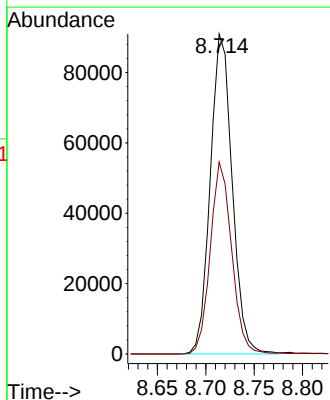
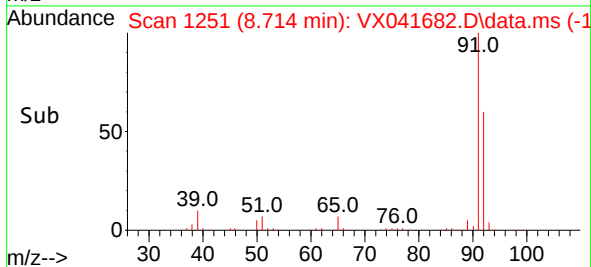
Reviewed By :John Carbone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024

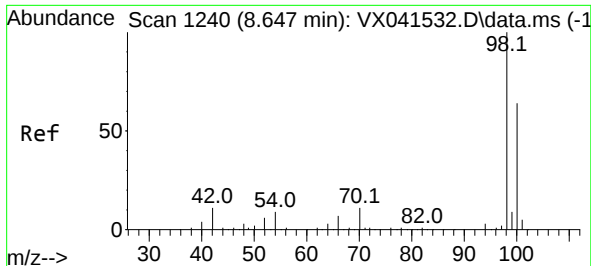


#62
Toluene
Concen: 20.288 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23



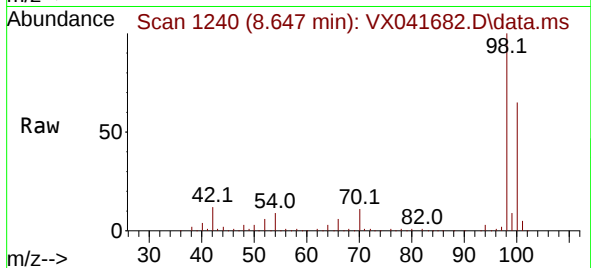
Tgt Ion: 91 Resp: 143412
Ion Ratio Lower Upper
91 100
92 58.6 47.0 70.6





#63
Toluene-d8
Concen: 29.443 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

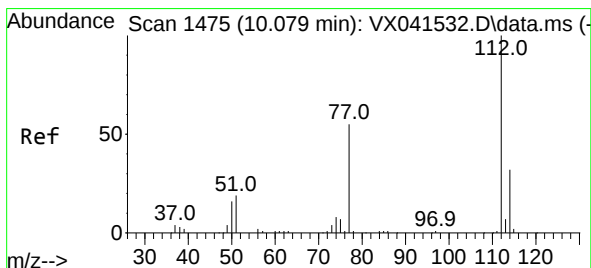
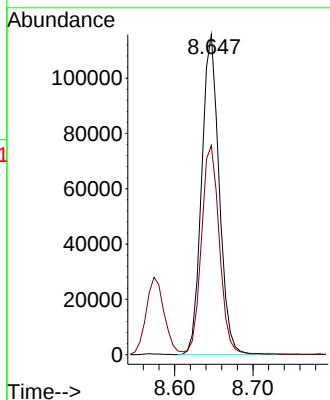
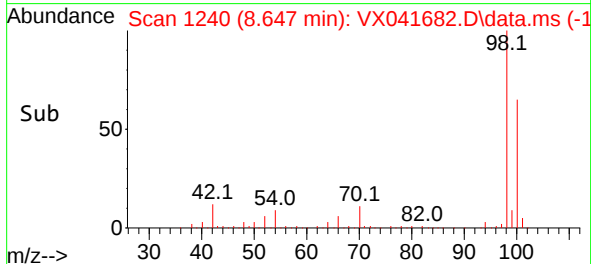
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 98 Resp: 17929
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7

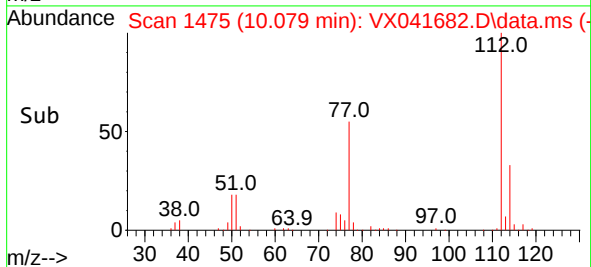
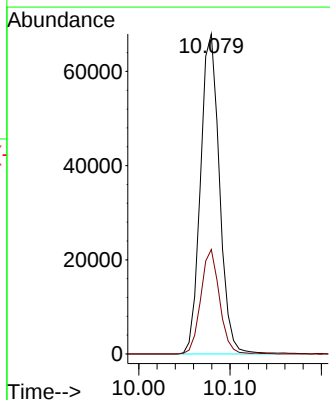
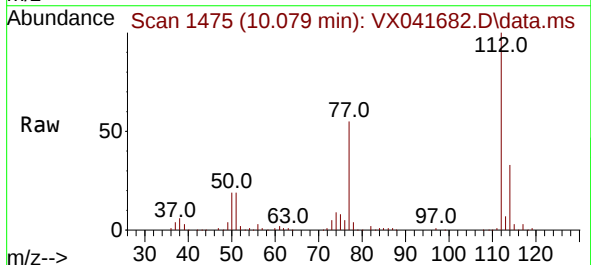
Manual Integrations
APPROVED

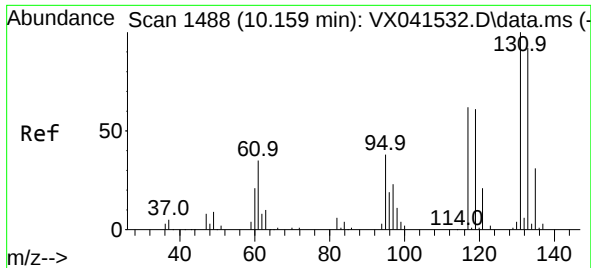
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#64
Chlorobenzene
Concen: 20.393 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

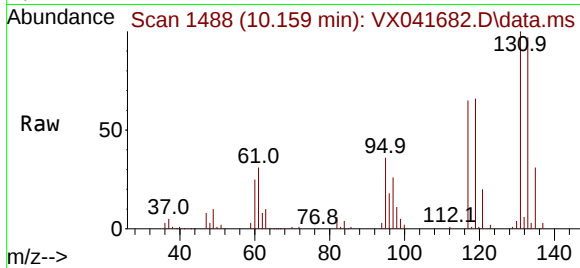
Tgt Ion:112 Resp: 97914
Ion Ratio Lower Upper
112 100
114 32.7 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 20.893 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

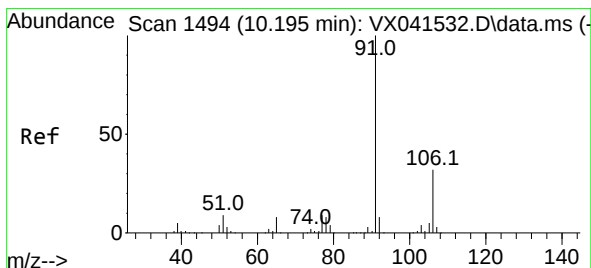
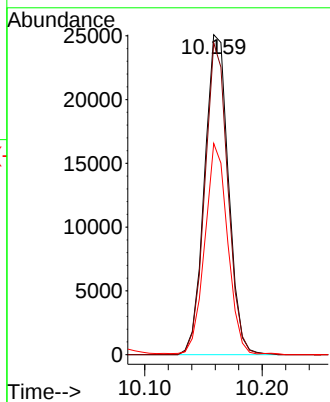
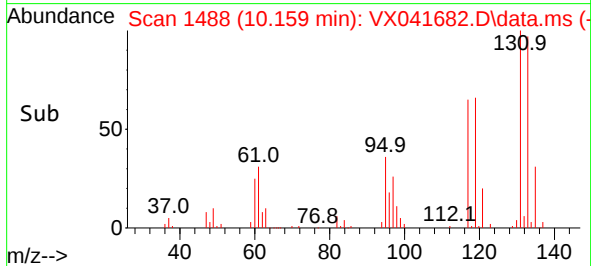
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:131 Resp: 35500
Ion Ratio Lower Upper
131 100
133 93.8 0.0 191.6
119 62.9 0.0 126.4

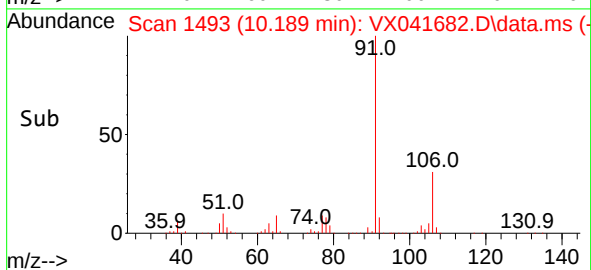
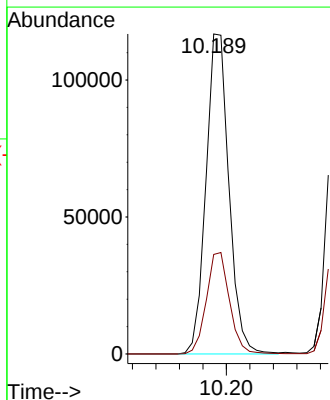
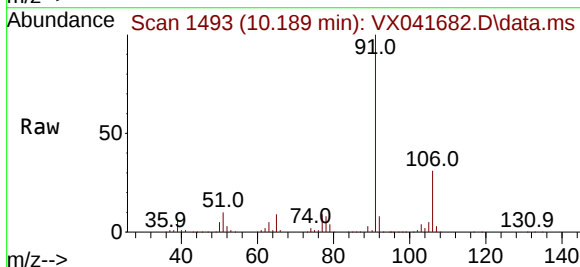
Manual Integrations
APPROVED

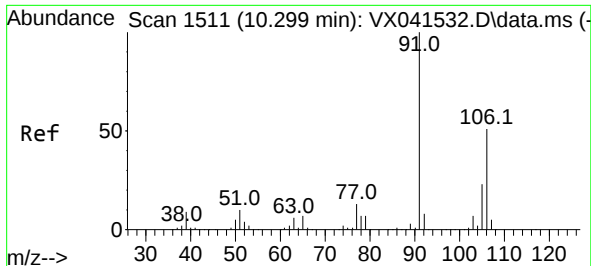
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#66
Ethyl Benzene
Concen: 20.213 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

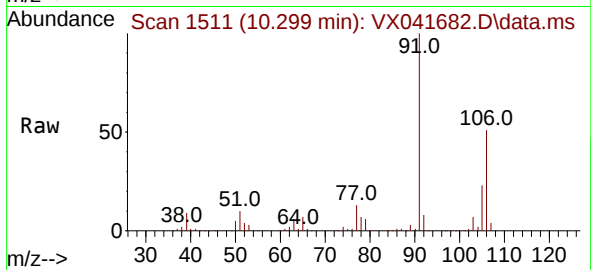
Tgt Ion: 91 Resp: 158660
Ion Ratio Lower Upper
91 100
106 31.1 25.9 38.9





#67
m/p-Xylenes
Concen: 41.927 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

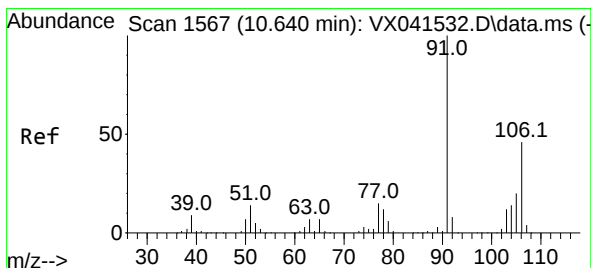
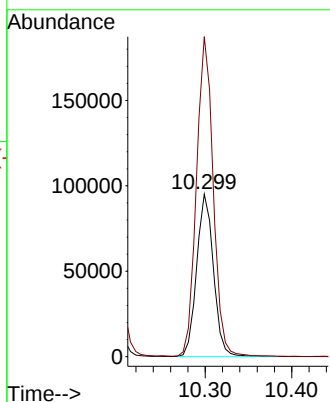
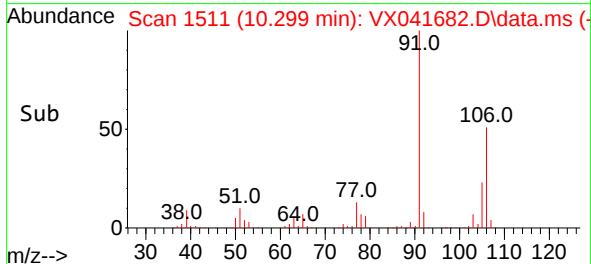
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



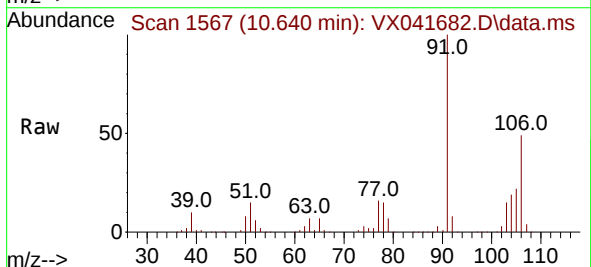
Tgt Ion:106 Resp: 128690
Ion Ratio Lower Upper
106 100
91 195.6 156.5 234.7

Manual Integrations
APPROVED

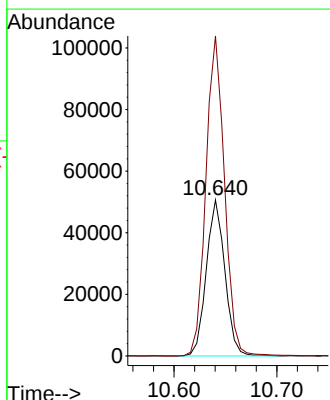
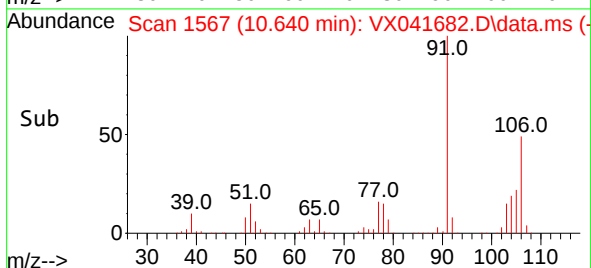
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024

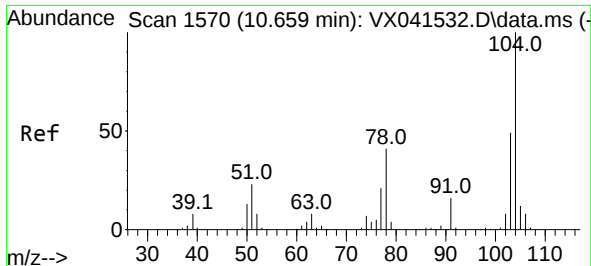


#68
o-Xylene
Concen: 20.613 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23



Tgt Ion:106 Resp: 63688
Ion Ratio Lower Upper
106 100
91 205.4 105.2 315.6





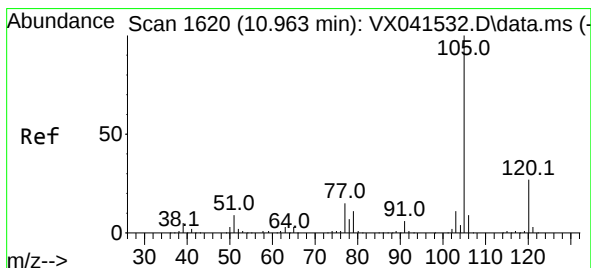
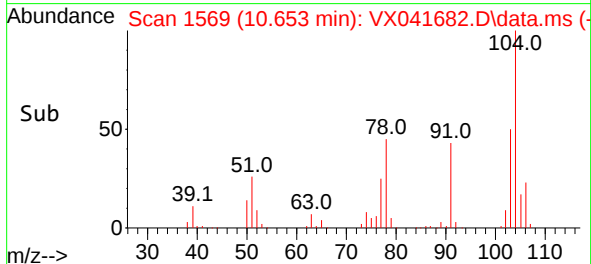
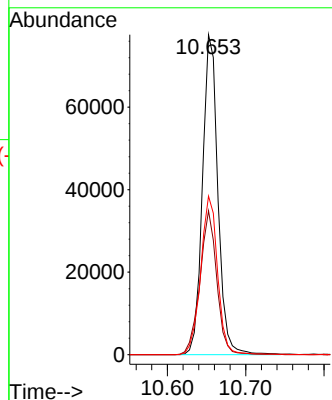
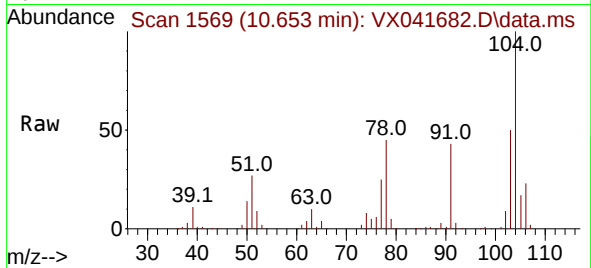
#69
Styrene
Concen: 20.486 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:104 Resp: 106120
Ion Ratio Lower Upper
104 100
78 49.0 39.3 58.9
103 54.3 43.2 64.8

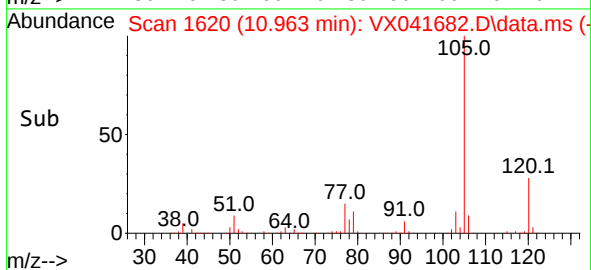
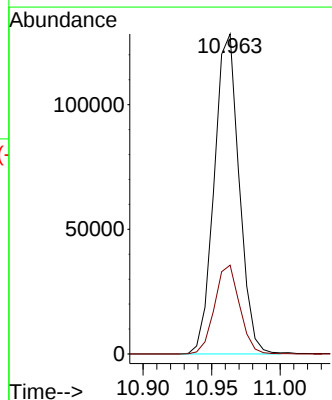
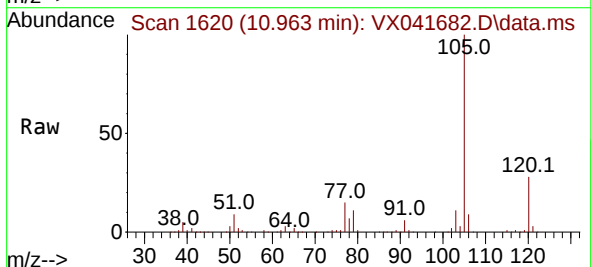
Manual Integrations
APPROVED

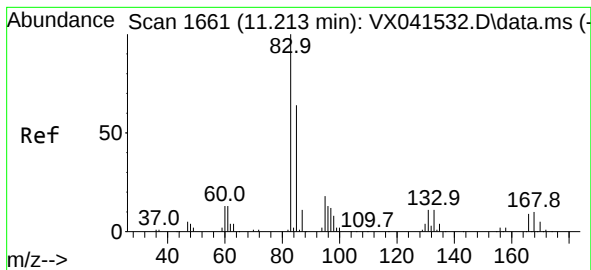
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#70
Isopropylbenzene
Concen: 20.823 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

Tgt Ion:105 Resp: 162571
Ion Ratio Lower Upper
105 100
120 27.9 18.8 34.8





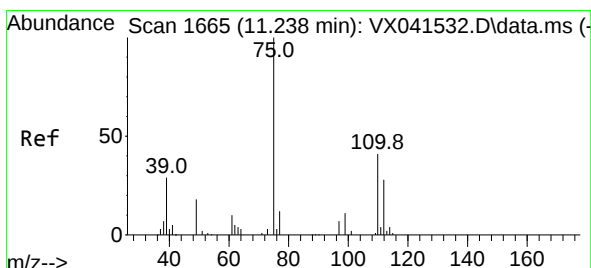
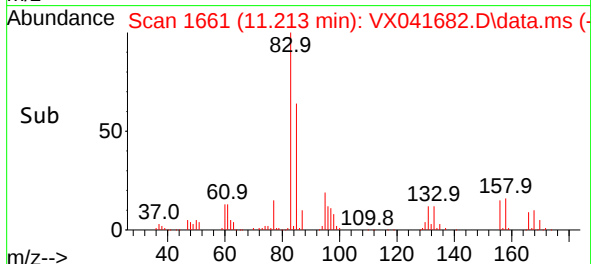
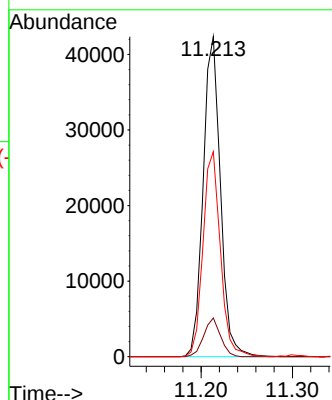
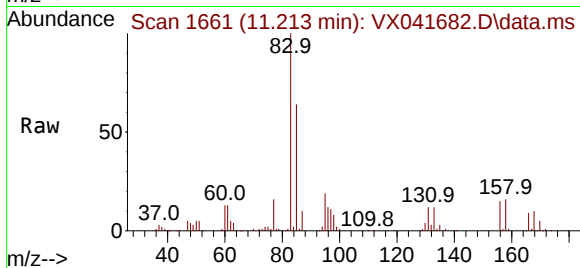
#71
1,1,2,2-Tetrachloroethane
Concen: 20.792 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 5576
Ion Ratio Lower Upper
83 100
131 11.7 5.7 17.0
85 64.4 32.3 96.8

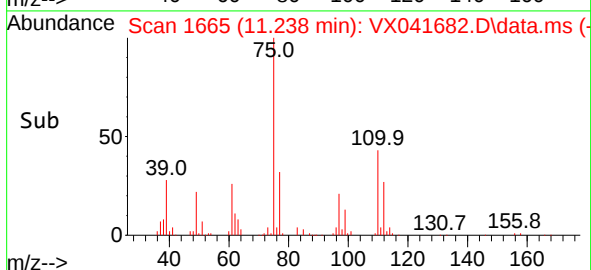
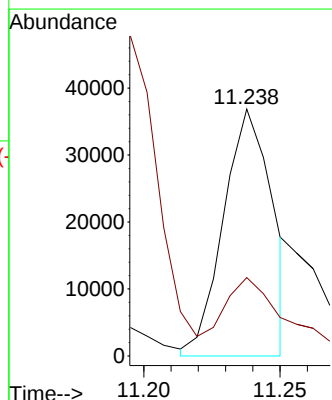
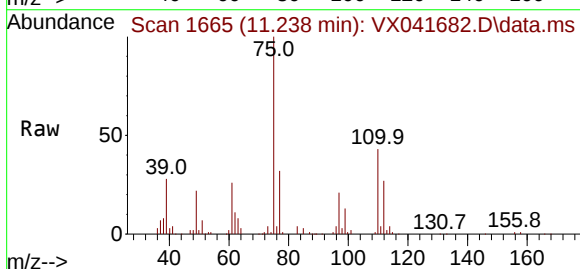
Manual Integrations
APPROVED

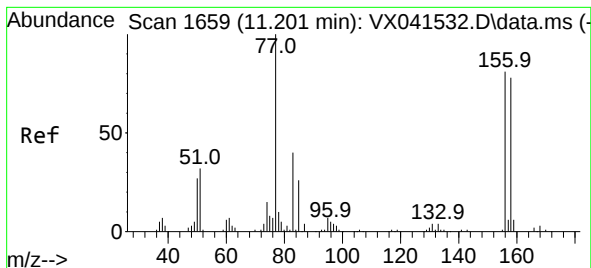
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#72
1,2,3-Trichloropropane
Concen: 19.023 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

Tgt Ion: 75 Resp: 46010
Ion Ratio Lower Upper
75 100
77 41.4 0.0 78.8





#73

Bromobenzene

Concen: 20.187 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX041682.D

Acq: 30 May 2024 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

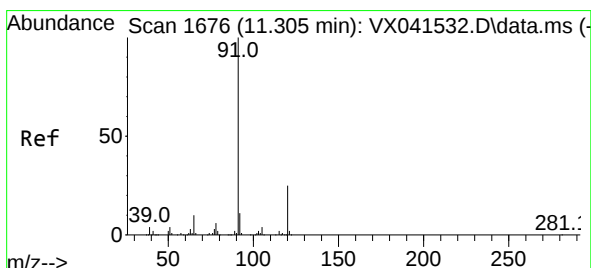
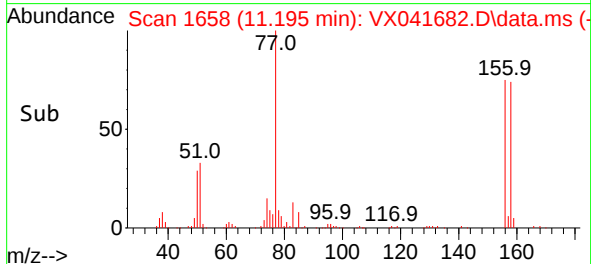
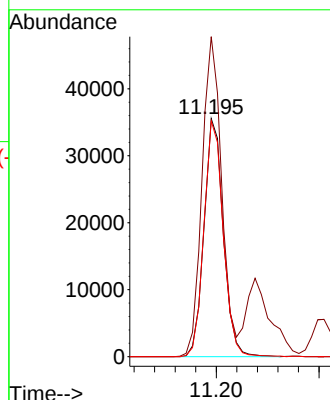
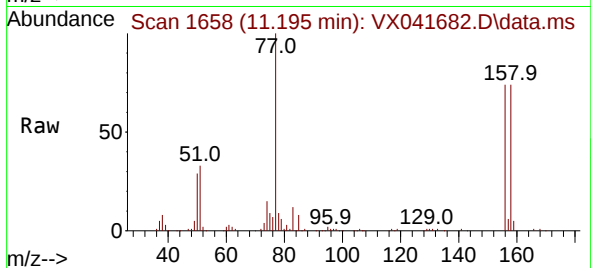
Tgt Ion:	156	Resp:	46308
Ion Ratio	Lower	Upper	
156	100		
77	136.2	0.0	267.4
158	99.1	0.0	192.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/31/2024

Supervised By :Mahesh Dadoda 05/31/2024



#74

n-propylbenzene

Concen: 20.882 ug/l

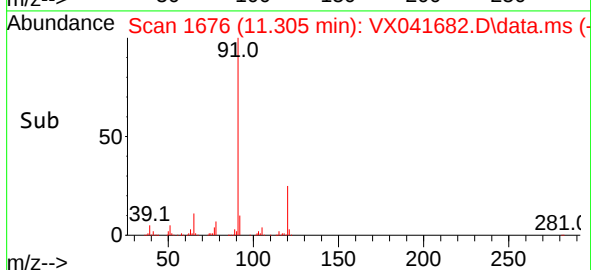
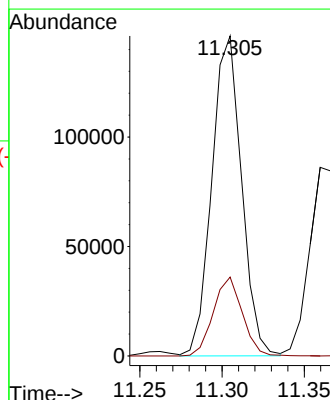
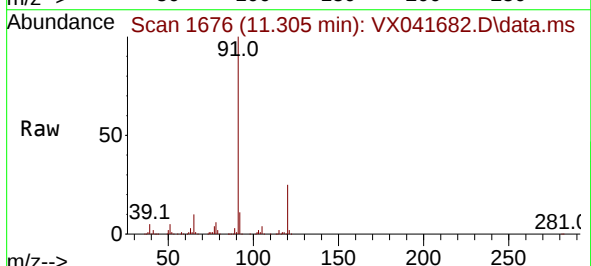
RT: 11.305 min Scan# 1676

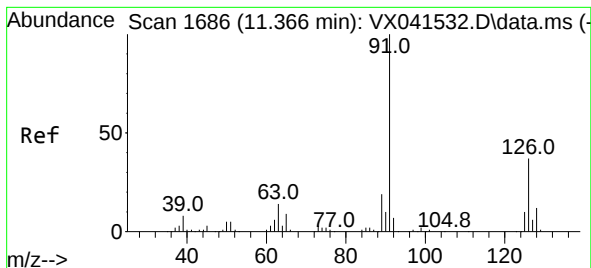
Delta R.T. 0.000 min

Lab File: VX041682.D

Acq: 30 May 2024 09:23

Tgt Ion:	91	Resp:	183833
Ion Ratio	Lower	Upper	
91	100		
120	24.1	0.0	48.4





#75

2-Chlorotoluene

Concen: 20.981 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX041682.D

Acq: 30 May 2024 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 91 Resp: 11598

Ion Ratio Lower Upper

91 100

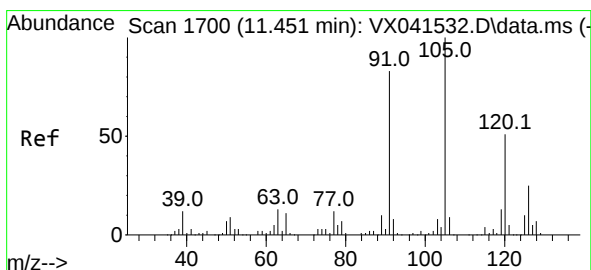
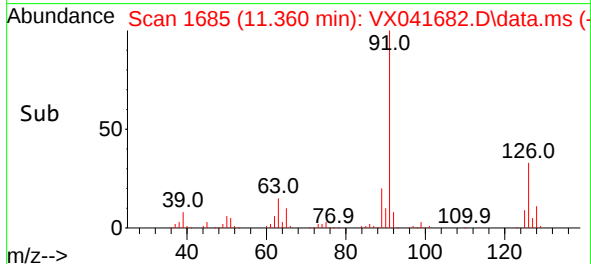
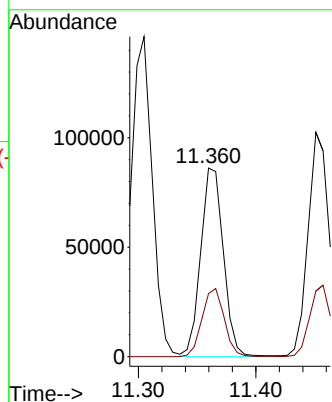
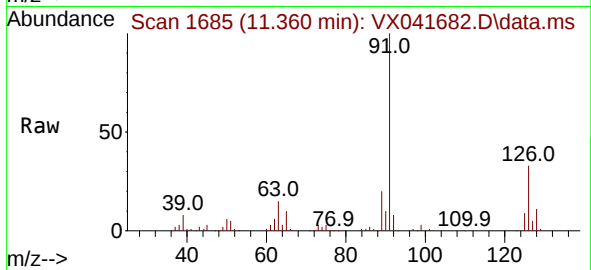
126 35.2 0.0 71.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/31/2024

Supervised By :Mahesh Dadoda 05/31/2024



#76

1,3,5-Trimethylbenzene

Concen: 20.641 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041682.D

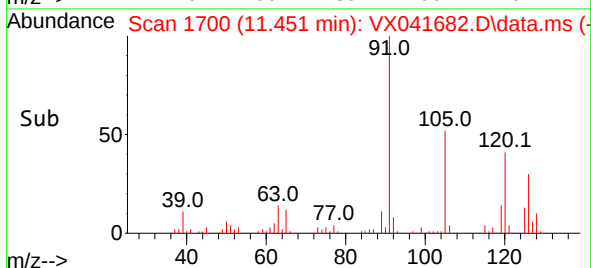
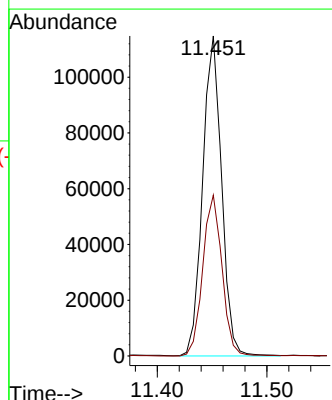
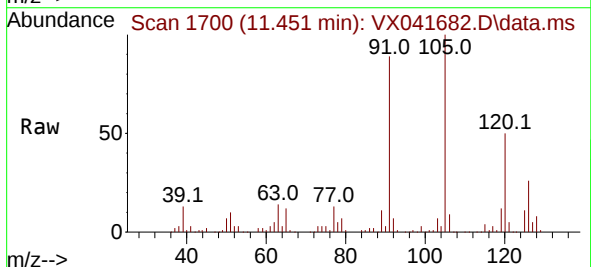
Acq: 30 May 2024 09:23

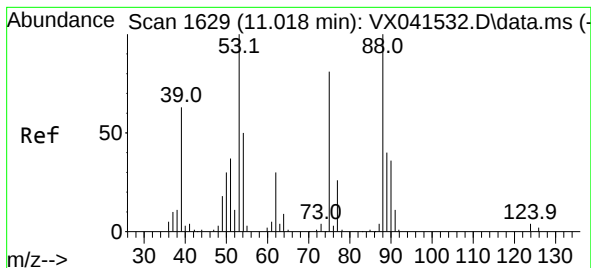
Tgt Ion:105 Resp: 137548

Ion Ratio Lower Upper

105 100

120 51.1 0.0 102.6





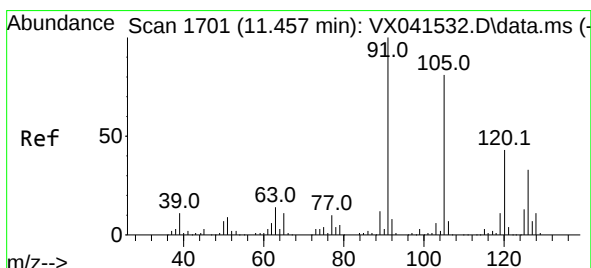
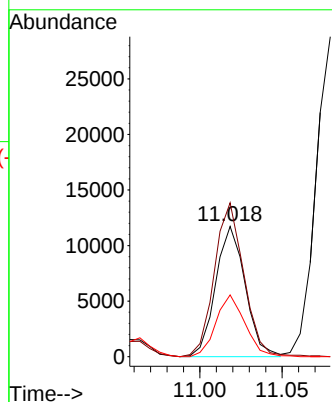
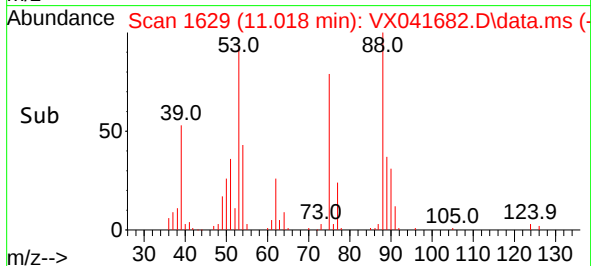
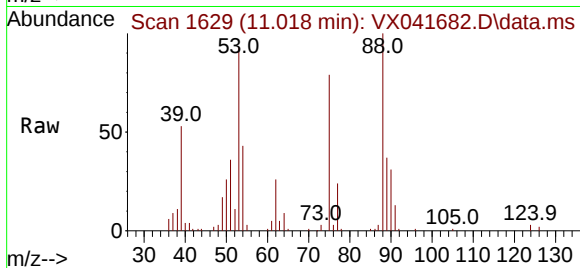
#77
t-1,4-Dichloro-2-butene
Concen: 19.346 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 75 Resp: 1470
Ion Ratio Lower Upper
75 100
53 118.1 61.8 185.3
89 47.4 24.9 74.7

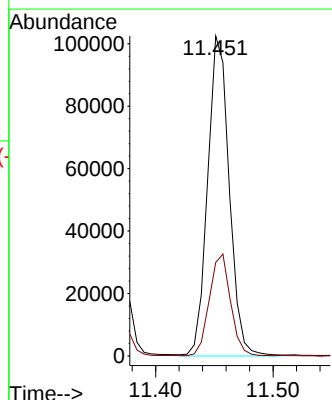
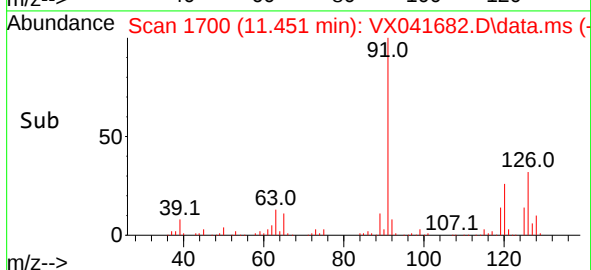
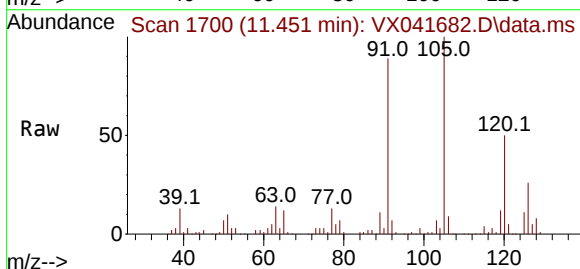
Manual Integrations
APPROVED

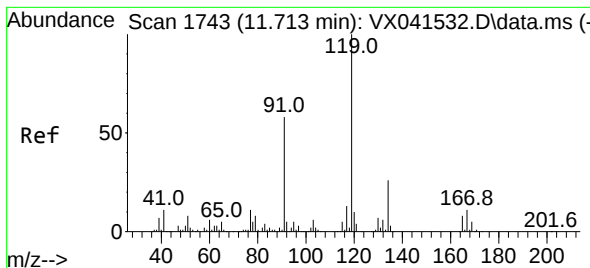
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#78
4-Chlorotoluene
Concen: 20.770 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

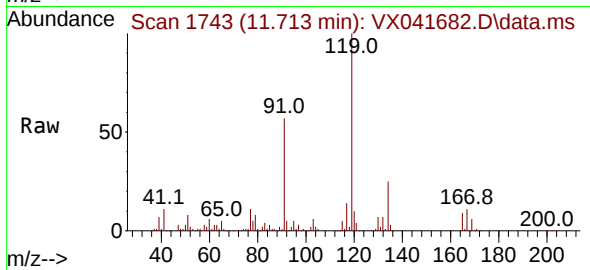
Tgt Ion: 91 Resp: 130774
Ion Ratio Lower Upper
91 100
126 31.1 0.0 62.2





#79
tert-butylbenzene
Concen: 20.825 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

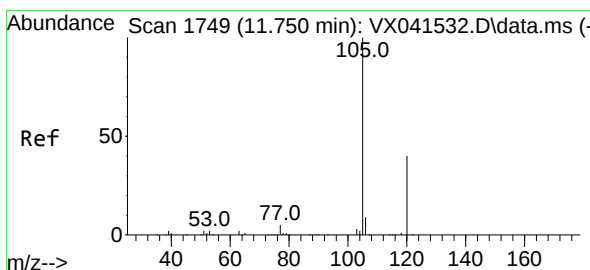
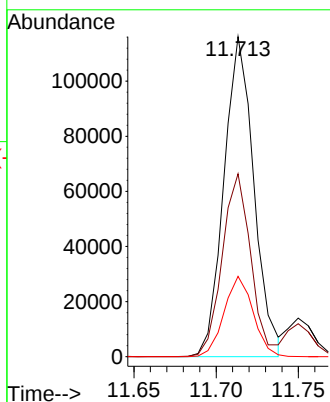
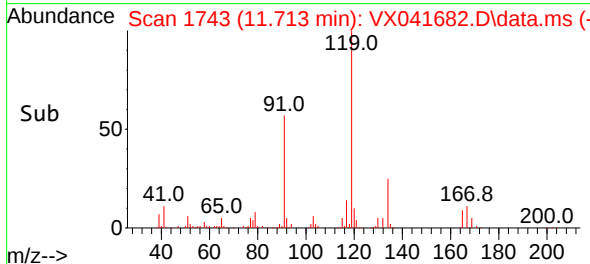
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:119 Resp: 147700
Ion Ratio Lower Upper
119 100
91 54.7 0.0 110.0
134 24.3 0.0 50.0

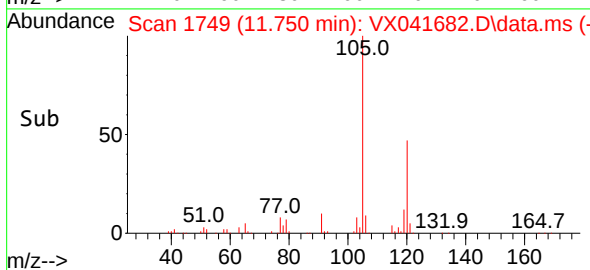
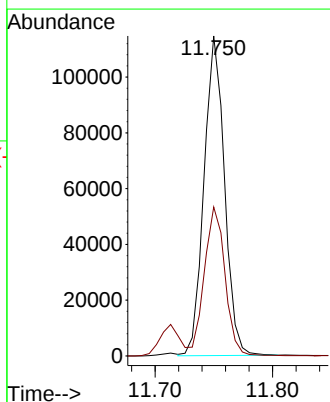
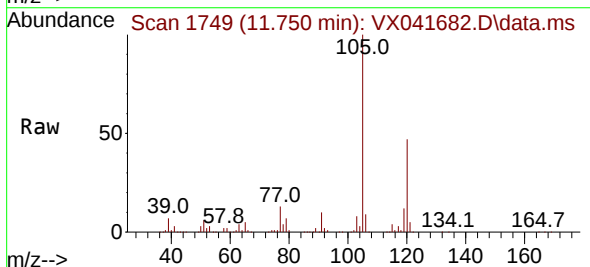
Manual Integrations
APPROVED

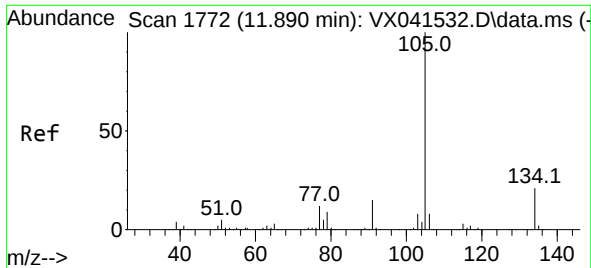
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#80
1,2,4-Trimethylbenzene
Concen: 20.747 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

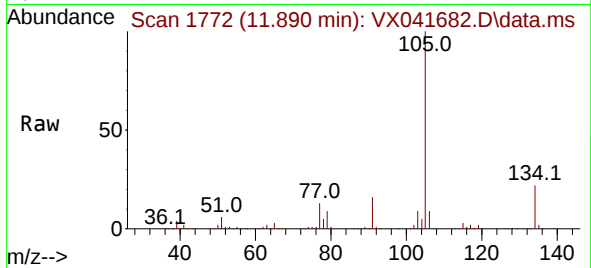
Tgt Ion:105 Resp: 138577
Ion Ratio Lower Upper
105 100
120 47.0 0.0 92.2





#81
 sec-Butylbenzene
 Concen: 20.622 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041682.D
 Acq: 30 May 2024 09:23

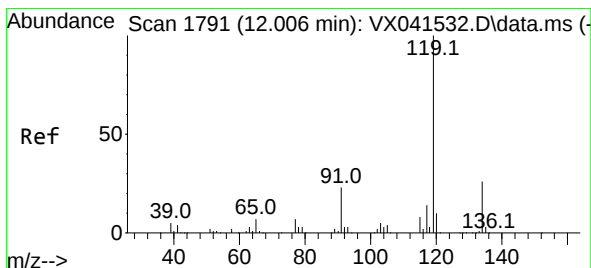
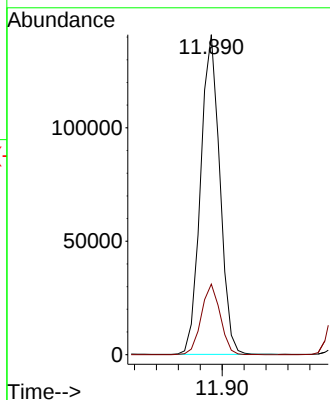
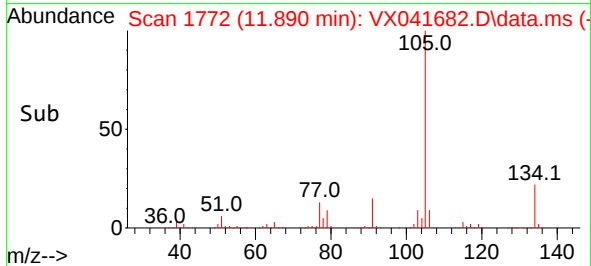
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



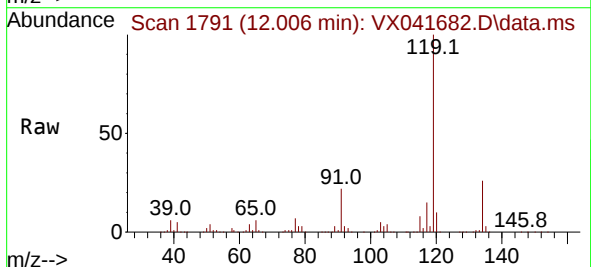
Tgt Ion:105 Resp: 170904
 Ion Ratio Lower Upper
 105 100
 134 21.8 0.0 43.4

Manual Integrations
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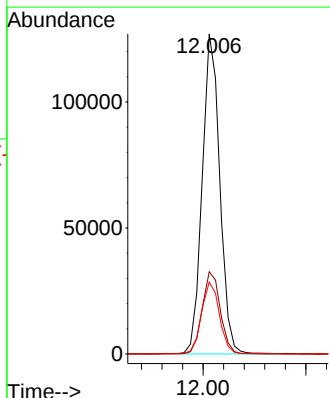
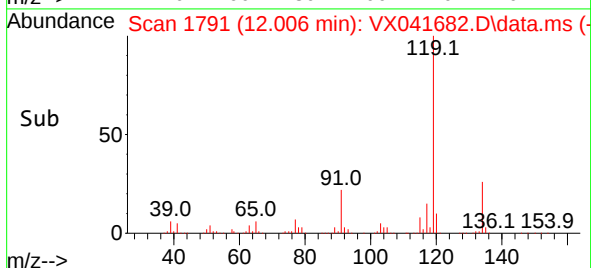
Reviewed By :John Carlone 05/31/2024
 Supervised By :Mahesh Dadoda 05/31/2024

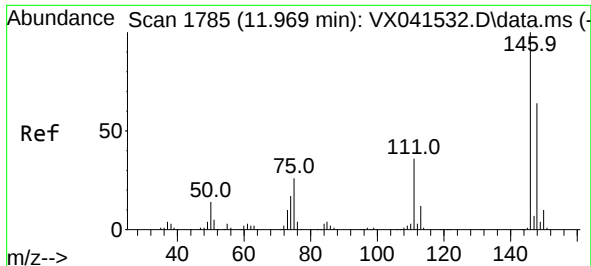


#82
 p-Isopropyltoluene
 Concen: 20.828 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041682.D
 Acq: 30 May 2024 09:23



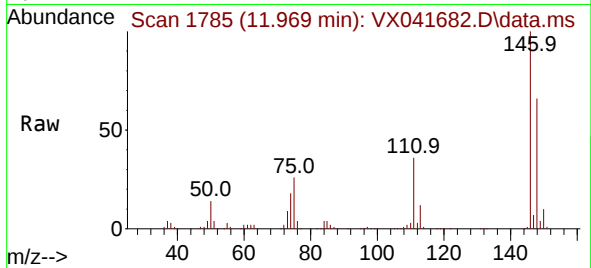
Tgt Ion:119 Resp: 151102
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 53.4
 91 22.6 0.0 44.8





#83
1,3-Dichlorobenzene
Concen: 20.348 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

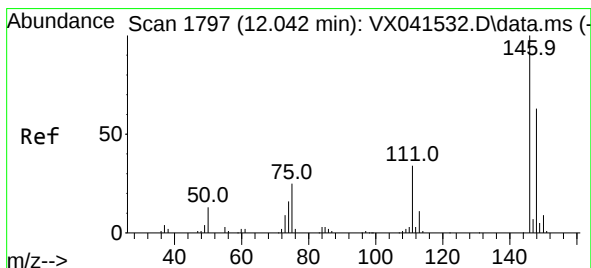
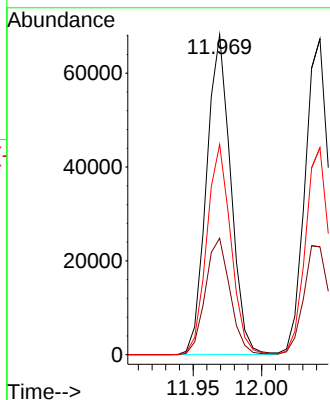
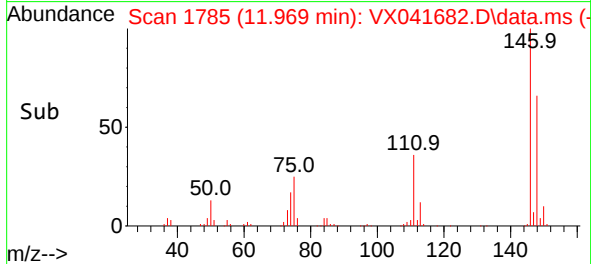
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



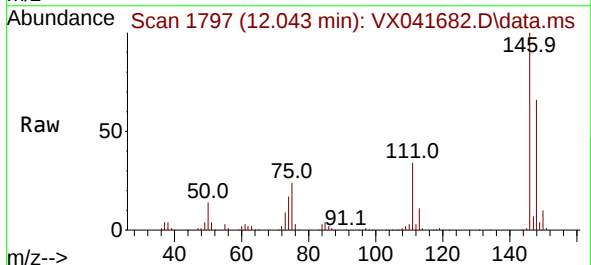
Tgt Ion:146 Resp: 83715
Ion Ratio Lower Upper
146 100
111 37.2 18.4 55.2
148 65.5 32.3 96.9

Manual Integrations
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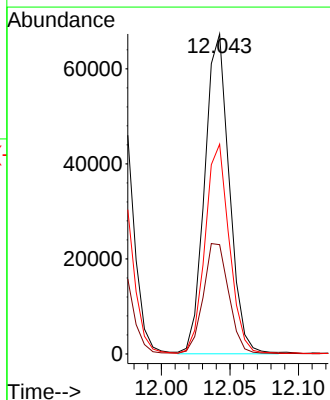
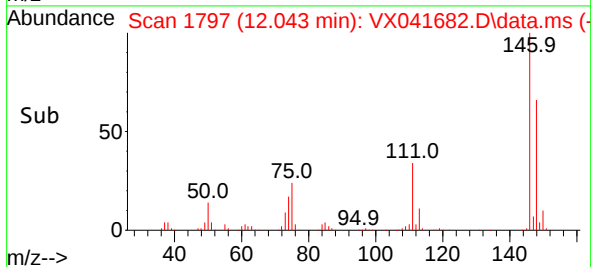
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024

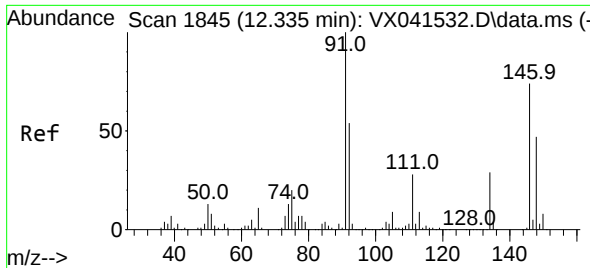


#84
1,4-Dichlorobenzene
Concen: 20.214 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23



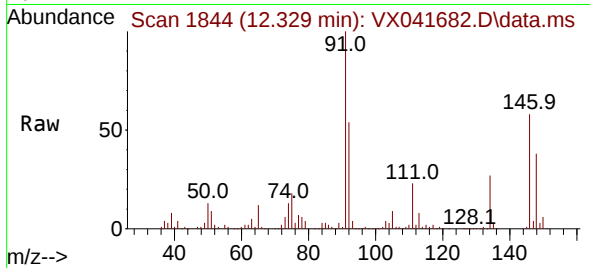
Tgt Ion:146 Resp: 84030
Ion Ratio Lower Upper
146 100
111 36.0 17.8 53.5
148 65.0 31.9 95.5





#85
n-Butylbenzene
Concen: 20.291 ug/l
RT: 12.329 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

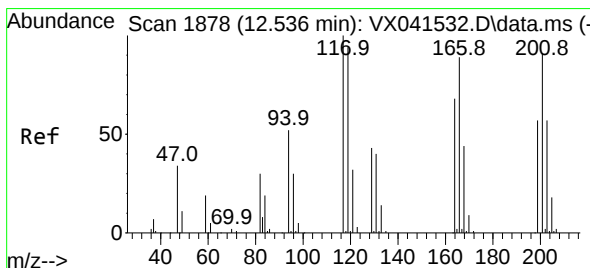
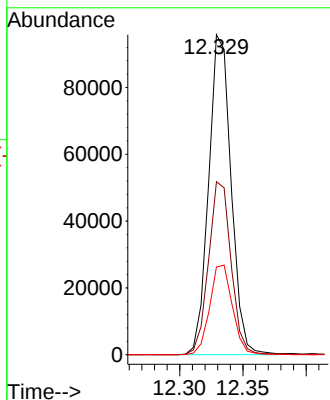
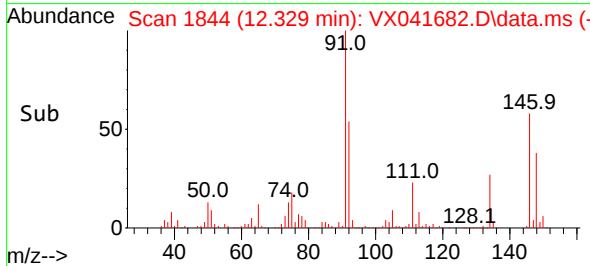
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 91 Resp: 118454
Ion Ratio Lower Upper
91 100
92 54.4 0.0 108.4
134 28.4 0.0 56.6

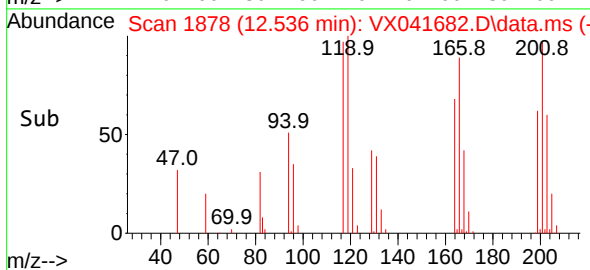
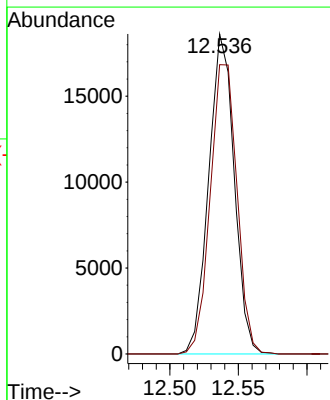
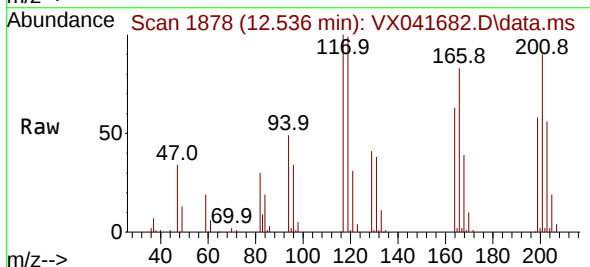
Manual Integrations
APPROVED

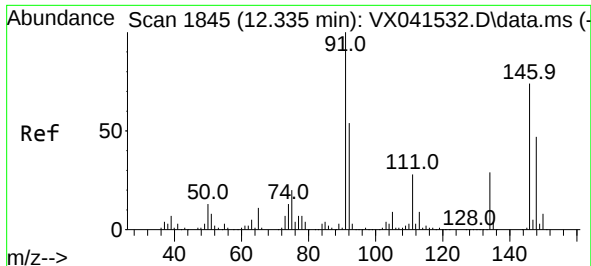
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#86
Hexachloroethane
Concen: 19.738 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

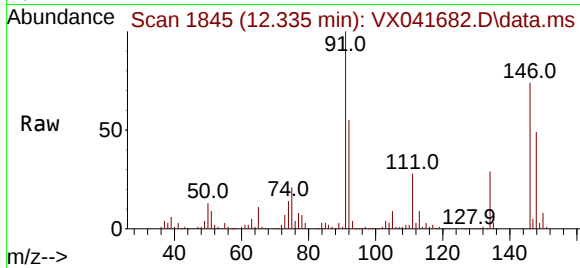
Tgt Ion:117 Resp: 24108
Ion Ratio Lower Upper
117 100
201 94.8 47.3 141.8





#87
1,2-Dichlorobenzene
Concen: 20.315 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

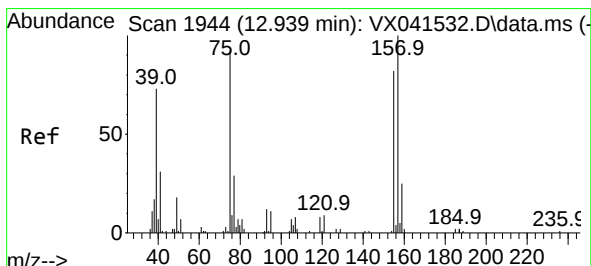
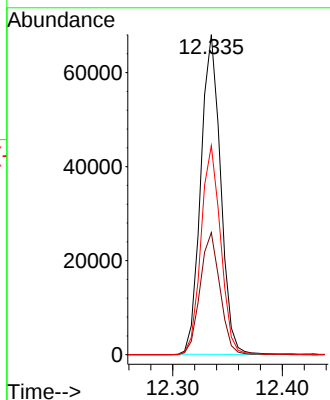
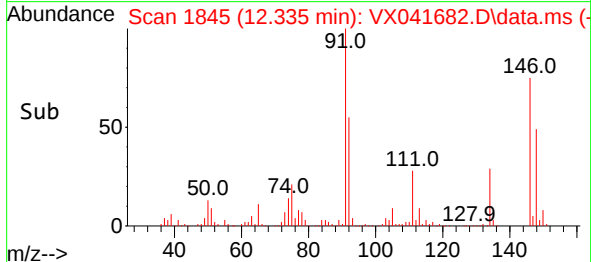
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



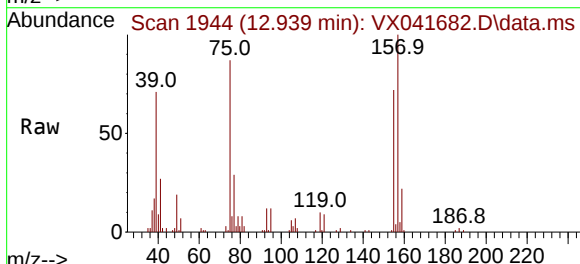
Tgt Ion:146 Resp: 85308
Ion Ratio Lower Upper
146 100
111 38.3 19.3 57.9
148 65.0 31.8 95.4

Manual Integrations
APPROVED

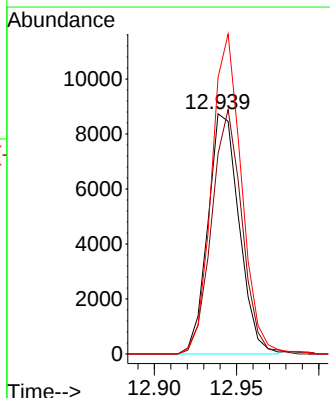
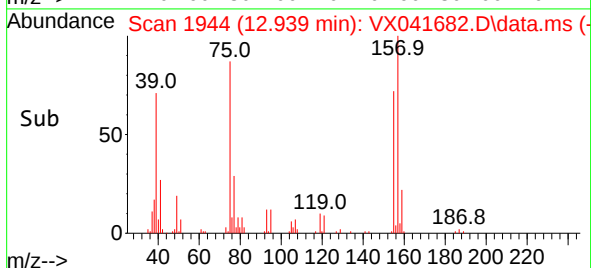
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024

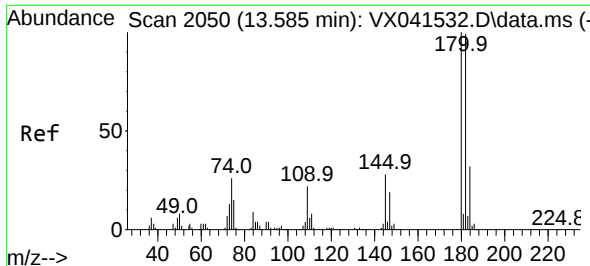


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.576 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23



Tgt Ion: 75 Resp: 11530
Ion Ratio Lower Upper
75 100
155 98.5 80.4 120.6
157 128.1 102.2 153.2





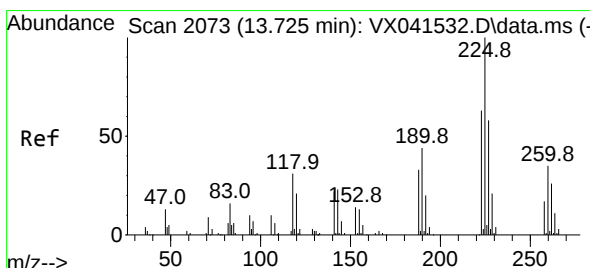
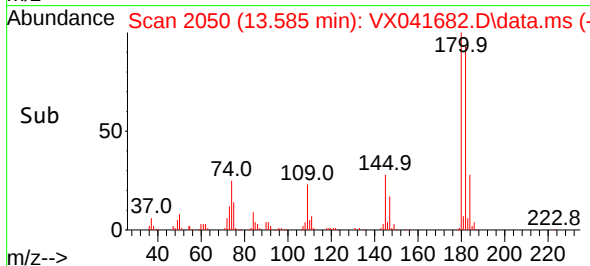
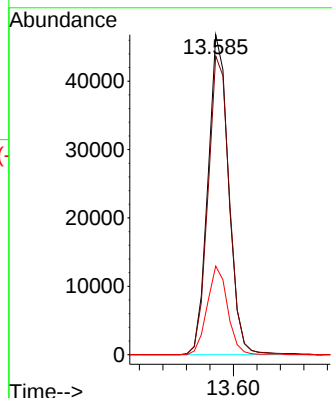
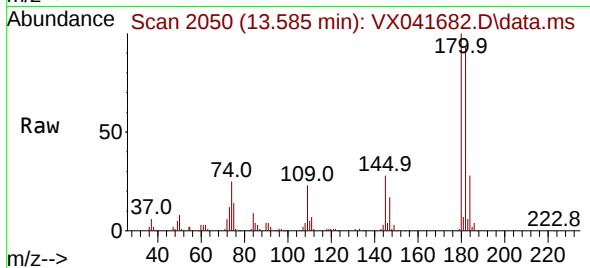
#89
1,2,4-Trichlorobenzene
Concen: 20.253 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:180 Resp: 5714
Ion Ratio Lower Upper
180 100
182 96.2 77.0 115.4
145 27.2 22.7 34.1

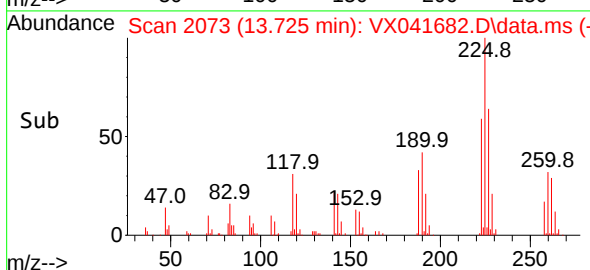
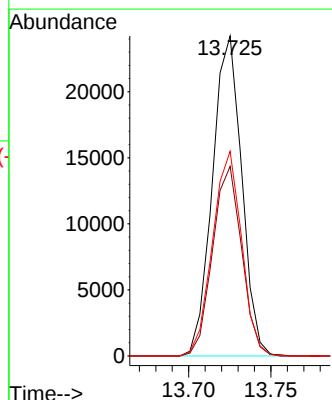
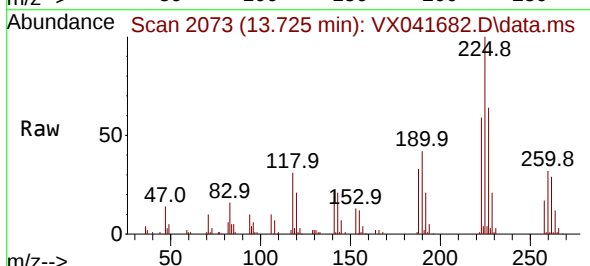
Manual Integrations
APPROVED

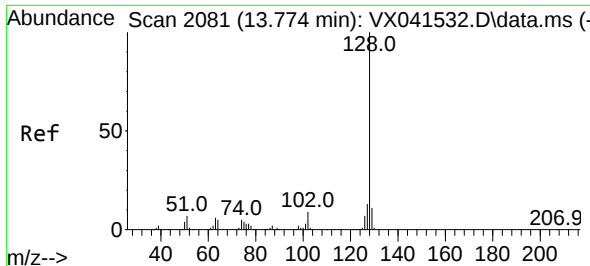
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#90
Hexachlorobutadiene
Concen: 21.765 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

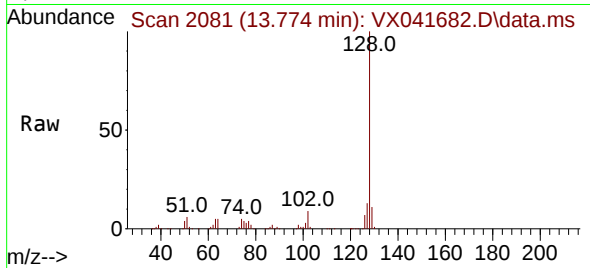
Tgt Ion:225 Resp: 29960
Ion Ratio Lower Upper
225 100
223 58.9 0.0 125.8
227 63.5 0.0 125.6





#91
Naphthalene
Concen: 19.727 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

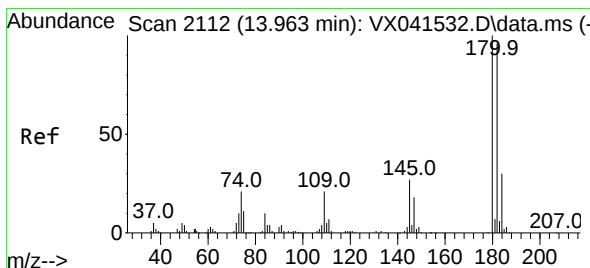
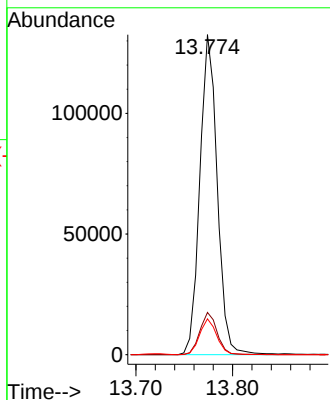
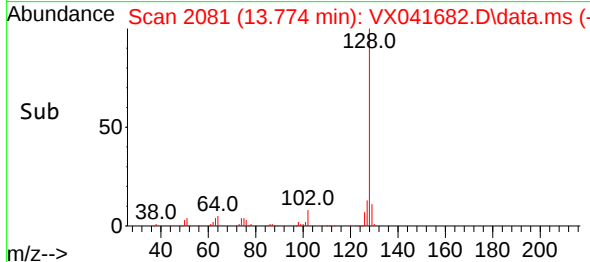
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 16636
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#92
1,2,3-Trichlorobenzene
Concen: 20.614 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041682.D
Acq: 30 May 2024 09:23

Tgt Ion:180 Resp: 59423
Ion Ratio Lower Upper
180 100
182 97.7 0.0 191.0
145 28.6 0.0 58.6

